

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

01/11/11

Greg Connor
Assistant District Attorney, Norfolk County

Dear ADA Connor,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan & Kate Corbett.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

I, Annie Dookhan, was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Khan".

Annie Khan (Dookhan)
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Boston Hours

8:00 -- 11:00


2:00 -- 4:00

Amherst Hours

9:00 -- 12:00

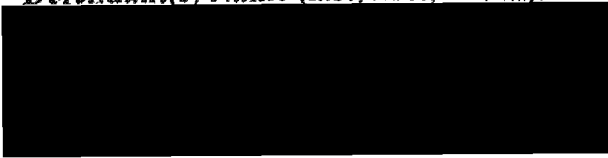
1:00 -- 3:00

DRUG RECEIPT

City or Department: Barnstable Police Reference No.: 

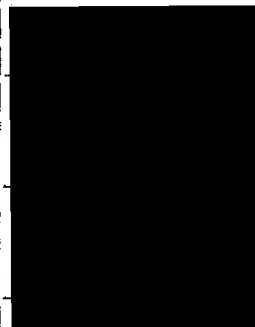
Name and Rank of Submitting Officer: C. Ford

Defendant(s) Name (last, first, initial):



To be completed by Submitter
Description of Items Submitted

To be completed by Lab Personnel
Gross Weight Lab Number

C1) PB containing 140 grams heroin	139.93g	
(18) Serenquel pills	13.85g	
(996) 30mg oxycodone	117.11g	

Received by:  Date: 4-22-10

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.

*Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals.

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

No. [REDACTED] Date Analyzed: 5/10/10
City: Braintree Police Dept.
Officer: P.O. CLIFFORD
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 04/22/2010 No. Analyzed:
Gross Wt.: 139.93 Net Weight: 130.9
Tests: 4 ASD
Prelim: Heroin Findings: Heroin

No. [REDACTED] Date Analyzed: 04-30-10
City: Braintree Police Dept.
Officer: P.O. CLIFFORD
Def: [REDACTED]
Amount: 18.0 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 04/22/2010 No. Analyzed:
Gross Wt.: 13.85 Net Weight:
Tests: 1 A+C
Prelim: E Findings: Quenapine

No. [REDACTED] Date Analyzed: 5/10/10
City: Braintree Police Dept.
Officer: P.O. CLIFFORD
Def: [REDACTED]
Amount: 996.0 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 04/22/2010 No. Analyzed:
Gross Wt.: 117.11 Net Weight: 114.4
Tests: 10 ASD
Prelim: Oxycodone Findings: Oxycodone

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Brownlee ANALYST ASN

No. of samples tested: _____

Evidence Wt. _____

PHYSICAL DESCRIPTION:

Berge cherry substance
n. pb

double bagged + pb + saran wrap

Gross Wt (): 136.1

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 130.9

$$\text{net wt} = 130.8$$

Mettler AB104 1117132502

Oncees 1010 1125493269

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+)

Marquis +

Froehde's

Mecke's \times

Microcrystalline Tests

Gold Chloride

TLTA ()

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 4-30-10

GC/MS CONFIRMATORY TEST

RESULTS *Hemoglobin*

MS
OPERATOR KAC

DATE 5-10-10

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Branford ANALYST ASD

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

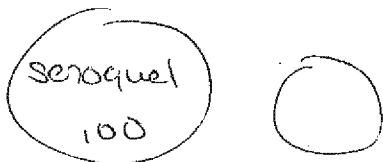
18 yellow round tablet
m. pb

Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt: 4.6486



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

Monomers Atc

PRELIMINARY TEST RESULTS

RESULTS Quetiapine

DATE 4-30-10

GC/MS CONFIRMATORY TEST

RESULTS

MS
OPERATOR

DATE

POISINDEX® Product List**Seroquel****Regulatory-Status:** RX**Ingredients****Active-Ingredient:** Quetiapine Fumarate - 100 MG**Excipients:** Povidone
Ferric Oxide, Yellow
dicalcium phosphate
microcrystalline cellulose
Sodium Starch Glycolate
Lactose
Magnesium Stearate
hydroxypropyl methylcellulose
Polyethylene Glycol
Titanium Dioxide**Availability & Manufacturing****Availability:** United States**Available-Container-Sizes:** Strip of 100; Bottle of 100**Contact:** AstraZeneca**Product ID:** 5657379**AAPCC Code:** 201122 - Atypical Antipsychotics**Registry Numbers:** NDC 0310-0271-39
NDC 0310-0271-10**Physical Description****Imprint:** Seroquel 100**Form:** Oral Tablet**Color:** Yellow**Shape:** Circle

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Braintree ANALYST ADJ

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

Q blue round tablets
in 1 pb

Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt: 114.4



net wt = 46.0



net wt = 68.4

10 analyzed

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

Microscopic A+C

PRELIMINARY TEST RESULTS

RESULTS oxycodone

DATE 4-30-10

GC/MS CONFIRMATORY TEST

RESULTS oxycodone

MS
OPERATOR KAC

DATE 05-10-10

Sample #: [REDACTED]

samples tested: 10

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1			0.1272	26			0.1027
2			0.1214	27			0.1014
3			0.1234	28			0.0982
4			0.1244	29			0.1023
5			0.1249	30			0.1024
6				31			
7		X =	0.6213	32		X =	0.5070
8		\bar{x} =	0.1243	33		\bar{x} =	0.1014
9				34			
10		net wt =	46/0.1243	35		net wt =	68.4/0.1014
11				36			
12	~	# pills =	370.	37	~	# pill =	674
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

A
215

Calculations:

$$\sim \# \text{ pills} = 1044$$

POISINDEX® Product List**Oxycodone Hydrochloride**

Also known as Oxycodone HCl

Regulatory-Status: Schedule II

Ingredients

Active-Ingredient: Oxycodone Hydrochloride - 30 MG

Excipients: FD&C Blue No. 2 Aluminum Lake
Lactose (Monohydrate)
Cellulose, Microcrystalline
Silicon Dioxide
Sodium Starch Glycolate
Stearic Acid
Starch, Corn

Availability & Manufacturing

Availability: United States

Available-Container-Sizes: Bottle of 100; 10X10

Contact: Actavis Totowa

Product ID: 6527175

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding Combination Products with Acetaminophen or Acetylsalicylic Acid)

Registry Numbers: NDC 52152-215-02
NDC 52152-215-11

Notes

Notes: Actavis Totowa LLC acquired Amide Pharmaceuticals effective 05/15/2006.

Physical Description

Imprint: A; 215

Form: Oral Tablet

Color: Blue

Shape: Circle

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POISINDEX® Product List**Oxycodone Hydrochloride****Regulatory-Status:** Schedule II**Ingredients****Active-Ingredient:** Oxycodone Hydrochloride - 30 MG**Excipients:** Cellulose, Microcrystalline
Sodium Starch Glycolate
Starch, Corn
Lactose
Stearic Acid
FD&C Blue No. 2**Availability & Manufacturing****Availability:** United States**Available-Container-Size:** Bottle of 100**Contact:** Covidien Mallinckrodt**Product ID:** 6594281**AAPCC Code:** 037705 - Oxycodone Alone or in Combination (Excluding Combination Products with Acetaminophen or Acetylsalicylic Acid)**Registry Number:** NDC 0406-8530-01**Physical Description****Imprints:** M - The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side.
30**Alt Imprints:** M30 - The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side.
M 30**Form:** Oral Tablet**Color:** Light Blue**Shape:** Circle

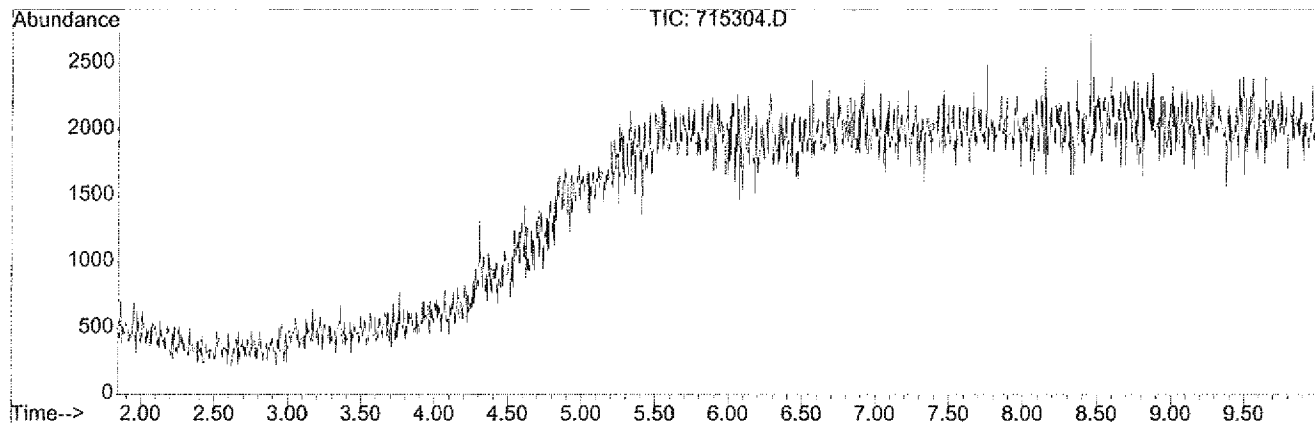
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Area Percent / Library Search Report

KAC
4/11/11

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\715304.D
Operator : KAC
Date Acquired : 7 May 2010 15:01
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



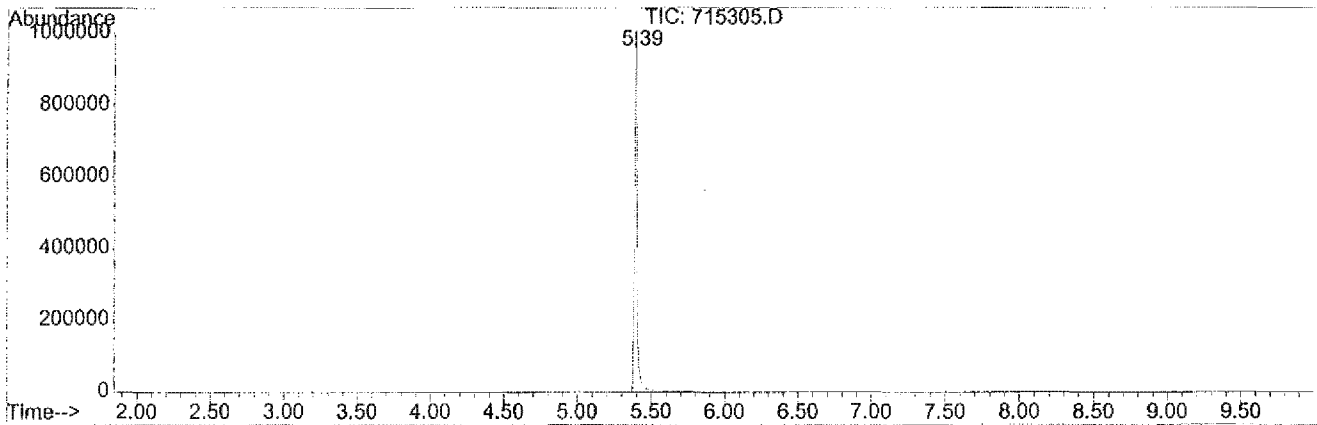
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\715305.D
Operator : KAC
Date Acquired : 7 May 2010 15:15
Sample Name : HEROIN STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.392	1222098	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

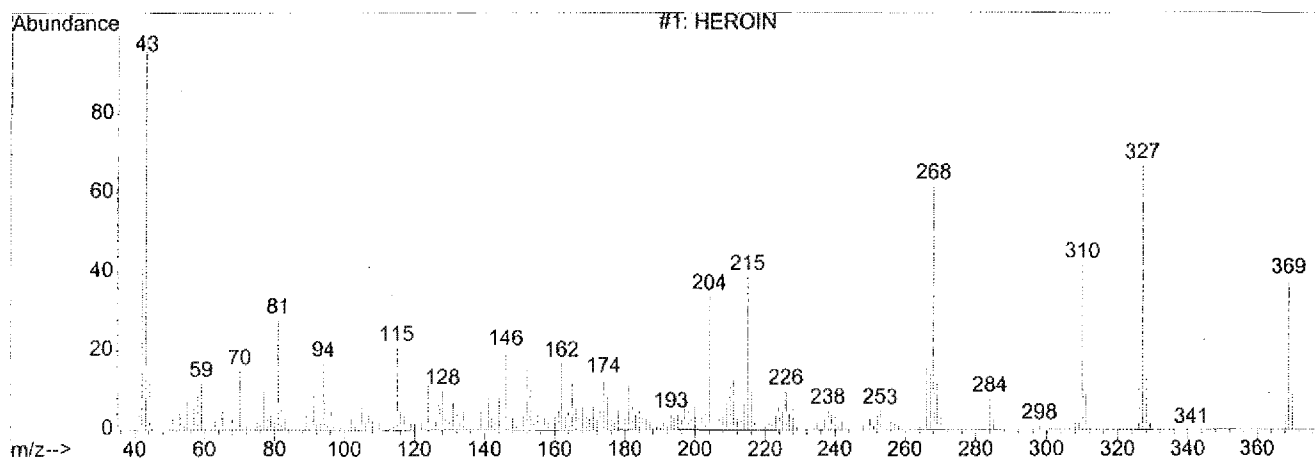
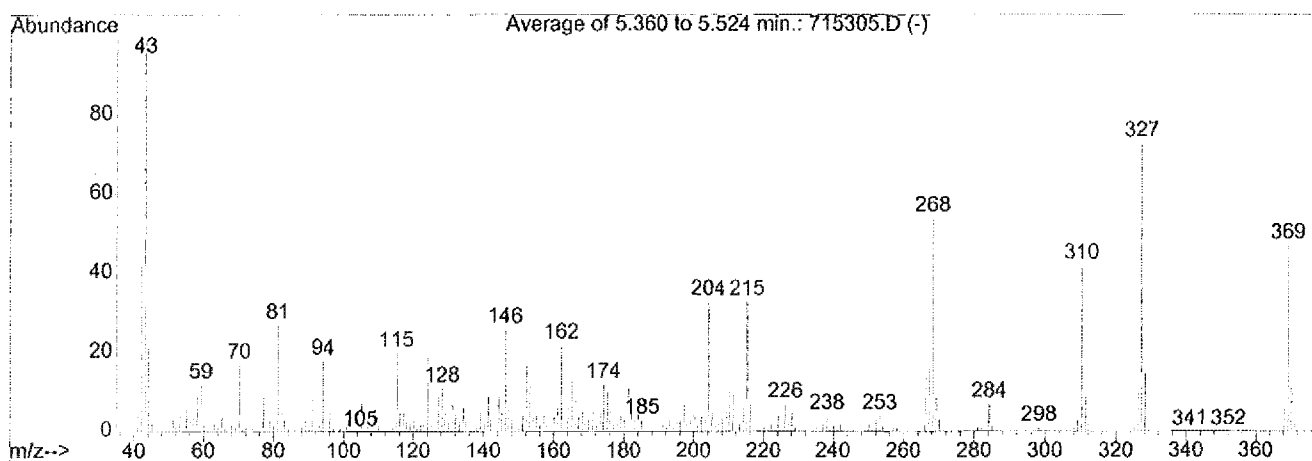
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File Name       : F:\Q2-2010\SYSTEM4\05_07_10\715305.D
Operator        : KAC
Date Acquired   : 7 May 2010 15:15
Sample Name     : HEROIN STD
Submitted by    :
Vial Number     : 5
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

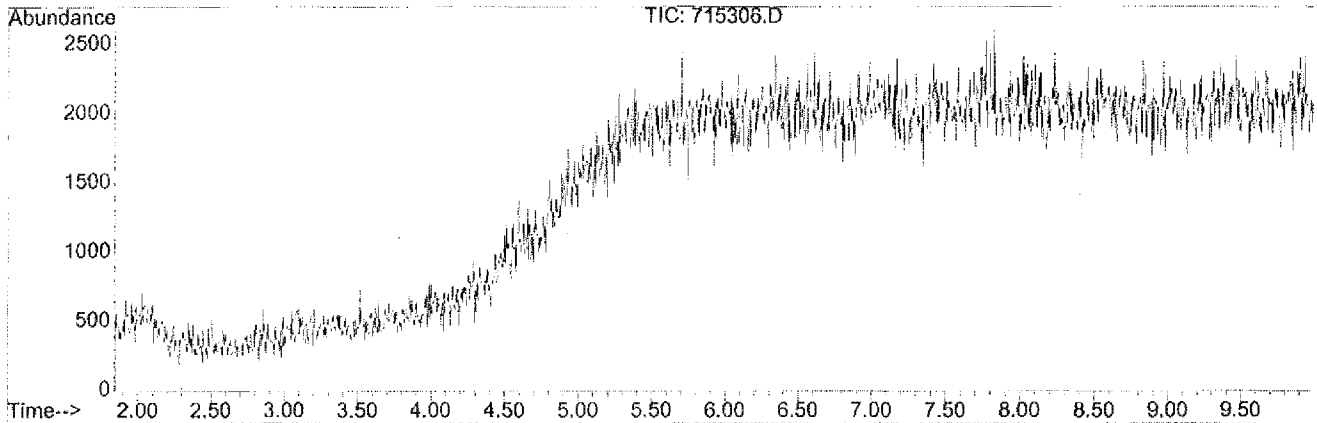
PK#	RT	Library/ID	CAS#	Qual
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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\715306.D
Operator : KAC
Date Acquired : 7 May 2010 15:29
Sample Name : BLANK
Submitted by : asd
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



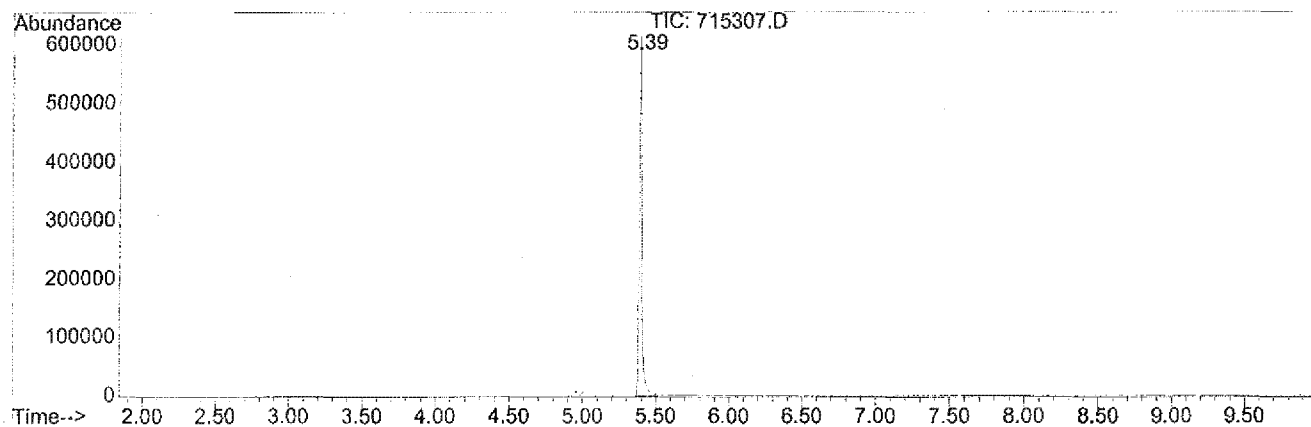
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\715307.D
 Operator : KAC
 Date Acquired : 7 May 2010 15:42
 Sample Name : XXXXXXXXXX
 Submitted by : asd
 Vial Number : 7
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.393	733752	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

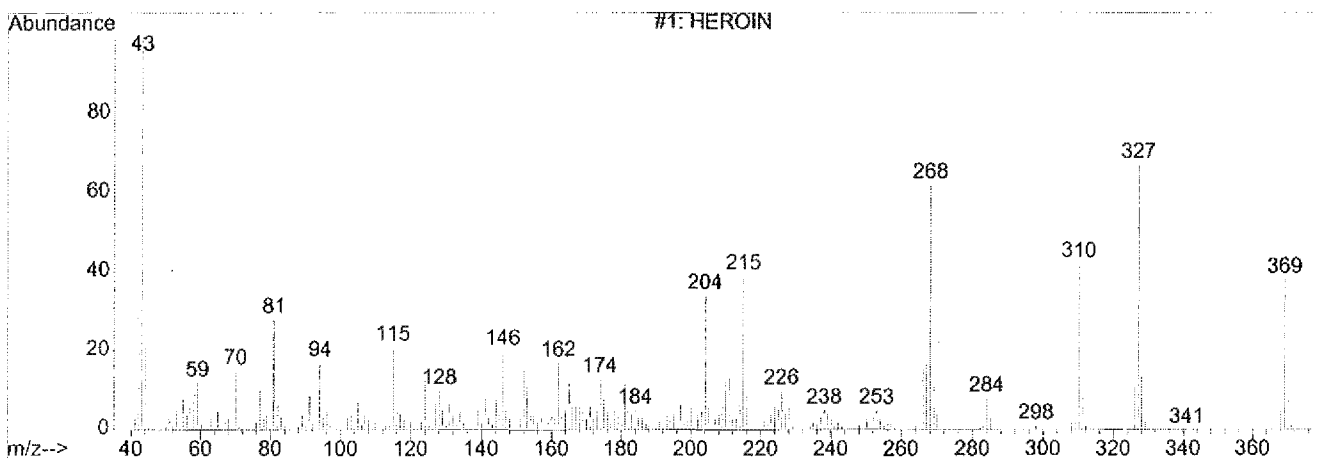
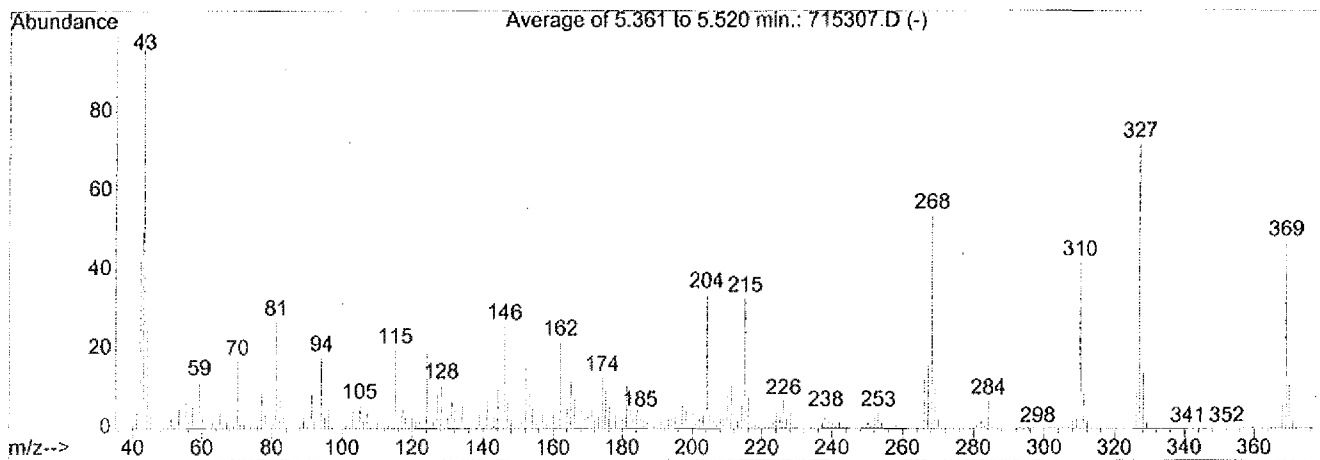
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File Name       : F:\Q2-2010\SYSTEM4\05_07_10\715307.D
Operator        : KAC
Date Acquired   : 7 May 2010 15:42
Sample Name     : ██████████
Submitted by    : asd
Vial Number     : 7
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

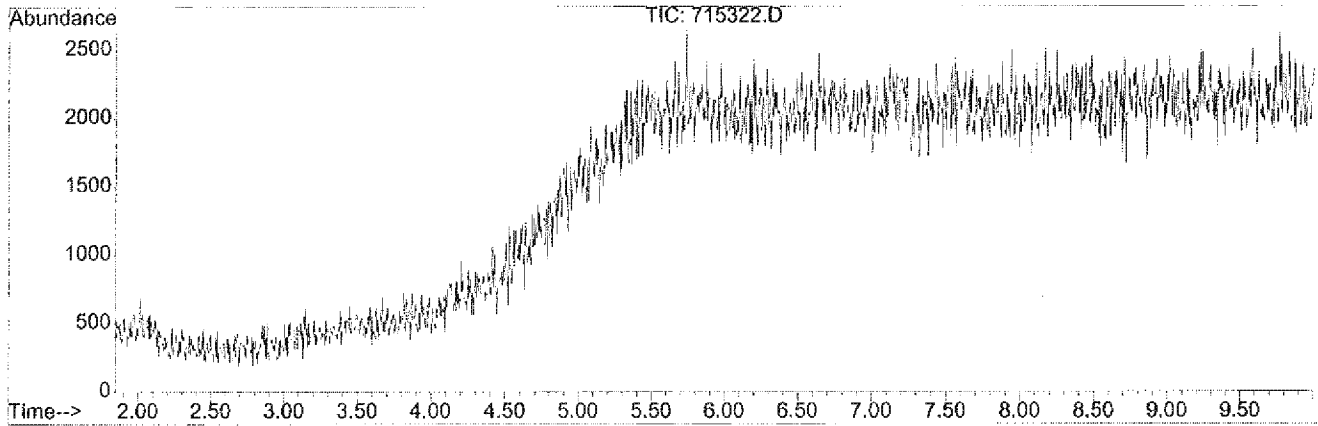
PK#	RT	Library/ID	CAS#	Qual
1	5.39	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\715322.D
Operator : KAC
Date Acquired : 7 May 2010 19:09
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



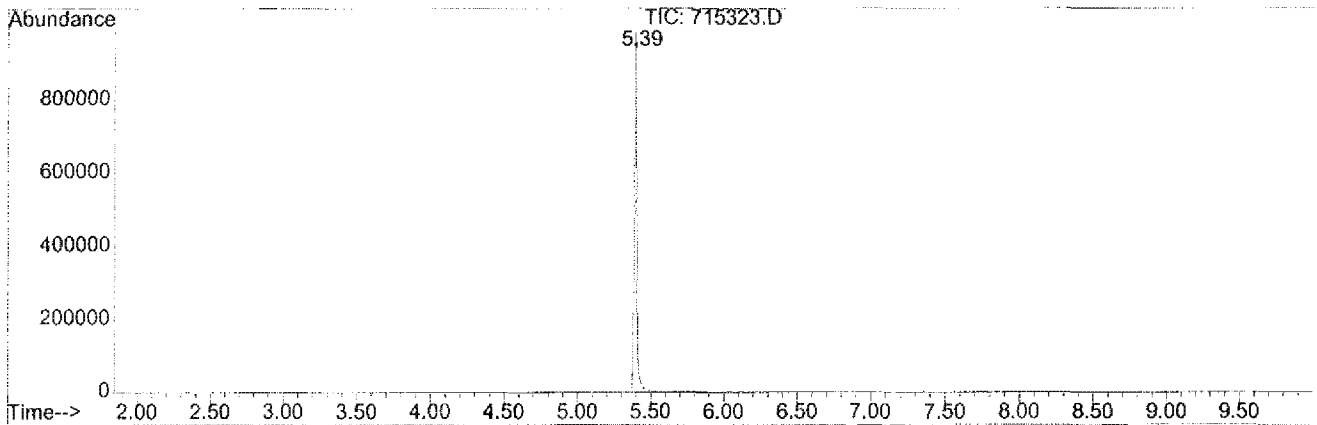
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\715323.D
Operator : KAC
Date Acquired : 7 May 2010 19:23
Sample Name : HEROIN STD
Submitted by :
Vial Number : 23
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.393	1137908	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

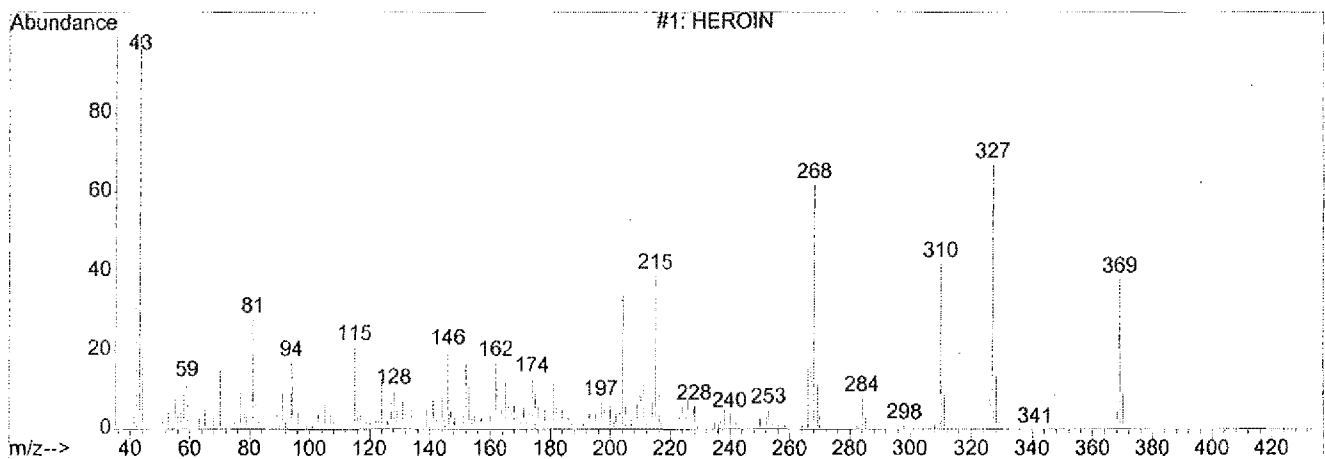
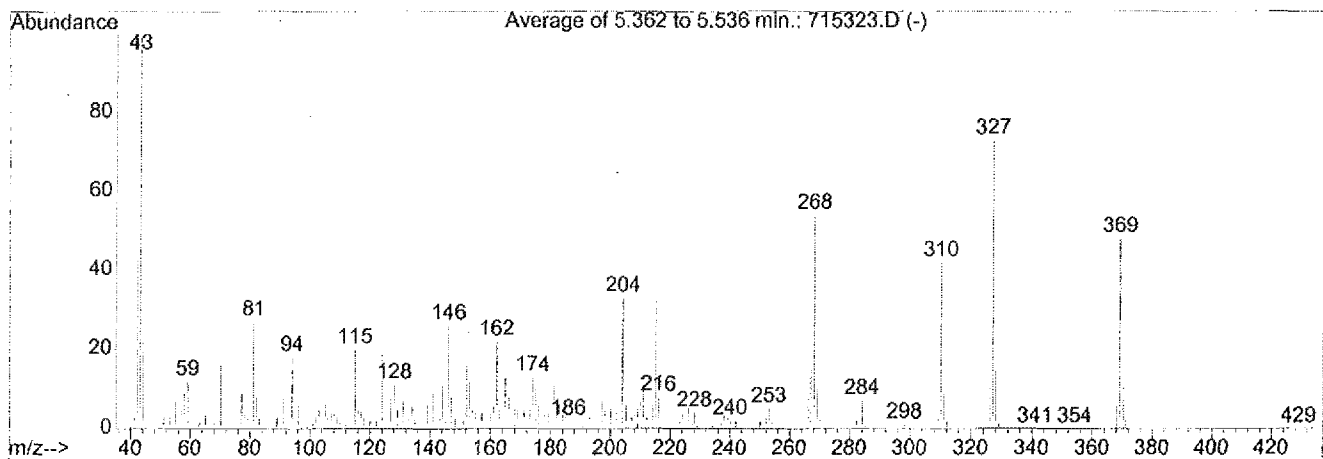
```

File Name       : F:\Q2-2010\SYSTEM4\05_07_10\715323.D
Operator        : KAC
Date Acquired   : 7 May 2010 19:23
Sample Name     : HEROIN STD
Submitted by    :
Vial Number     : 23
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

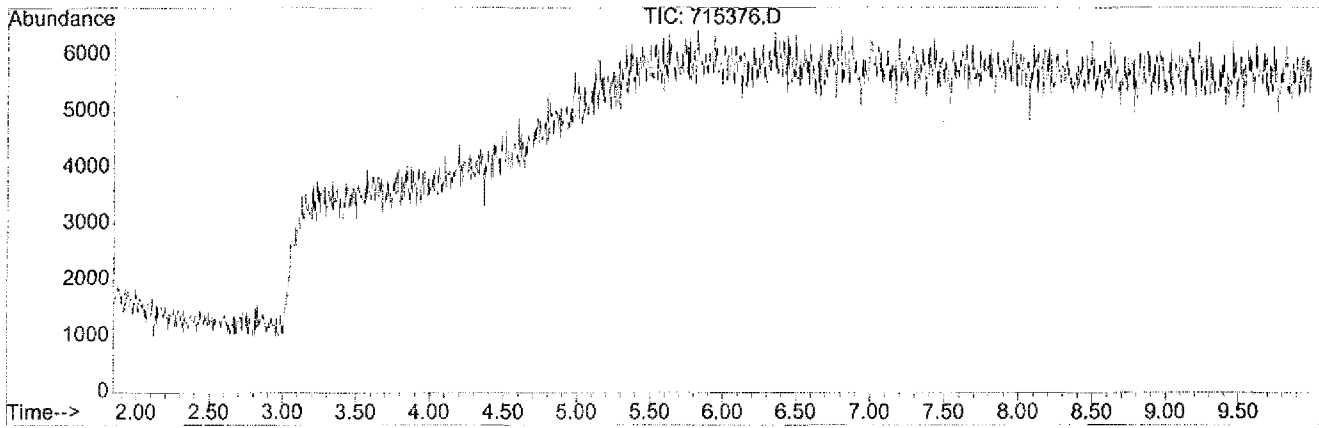
PK#	RT	Library/ID	CAS#	Qual
1	5.39	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\715376.D
Operator : KAC
Date Acquired : 8 May 2010 7:29
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



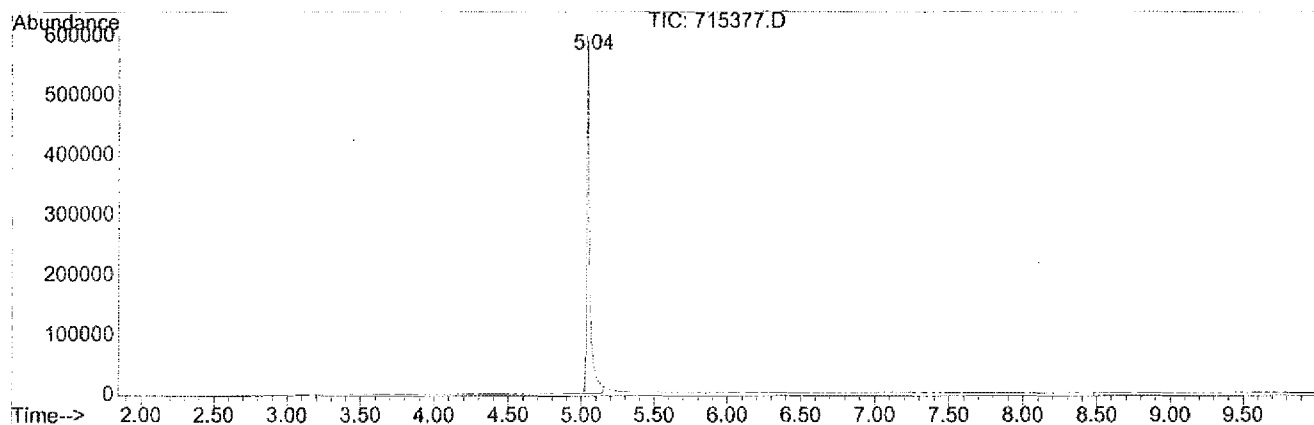
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\715377.D
 Operator : KAC
 Date Acquired : 8 May 2010 7:42
 Sample Name : OXYCODONE STD
 Submitted by :
 Vial Number : 77
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.040	831238	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

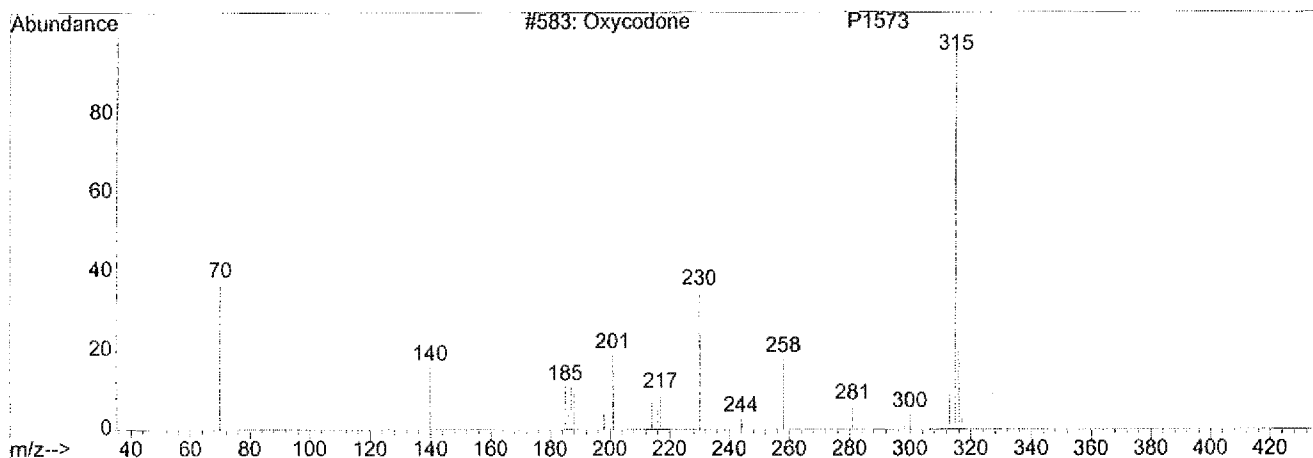
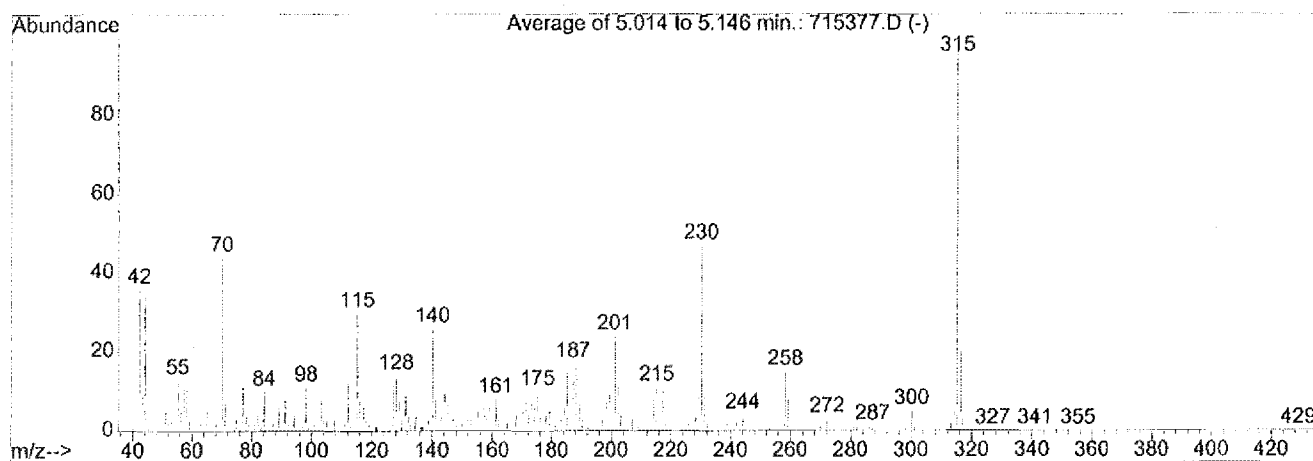
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File Name       : F:\Q2-2010\SYSTEM4\05_07_10\715377.D
Operator        : KAC
Date Acquired   : 8 May 2010   7:42
Sample Name     : OXYCODONE STD
Submitted by    :
Vial Number     : 77
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

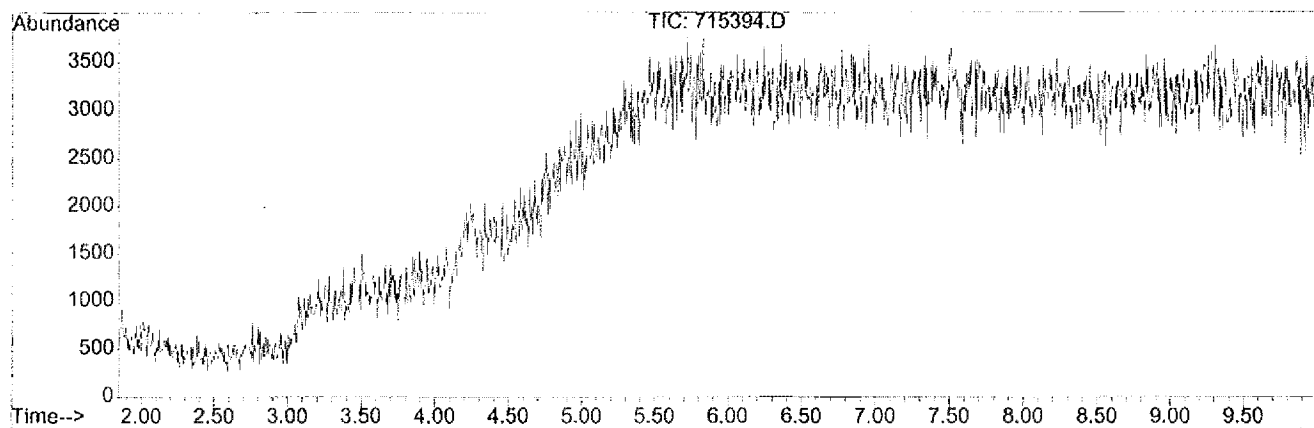
PK#	RT	Library/ID	CAS#	Qual
1	5.04	C:\DATABASE\PMW_TOX2.L		
		Oxycodone	000076-42-6	91
		Endogenous biomolecule AC	000000-00-0	27



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\715394.D
Operator : KAC
Date Acquired : 8 May 2010 11:32
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



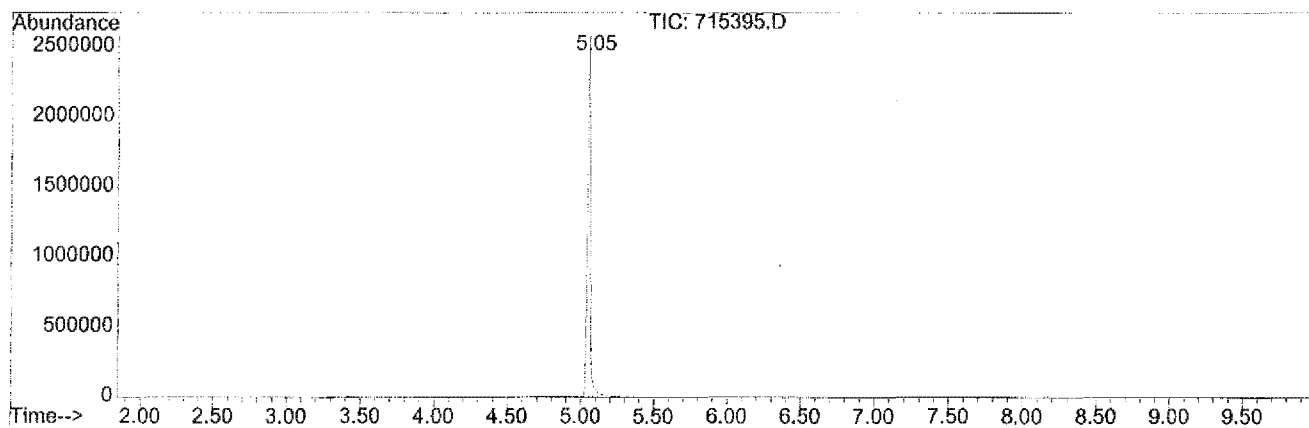
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\715395.D
 Operator : KAC
 Date Acquired : 8 May 2010 11:46
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 95
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.054	3610218	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

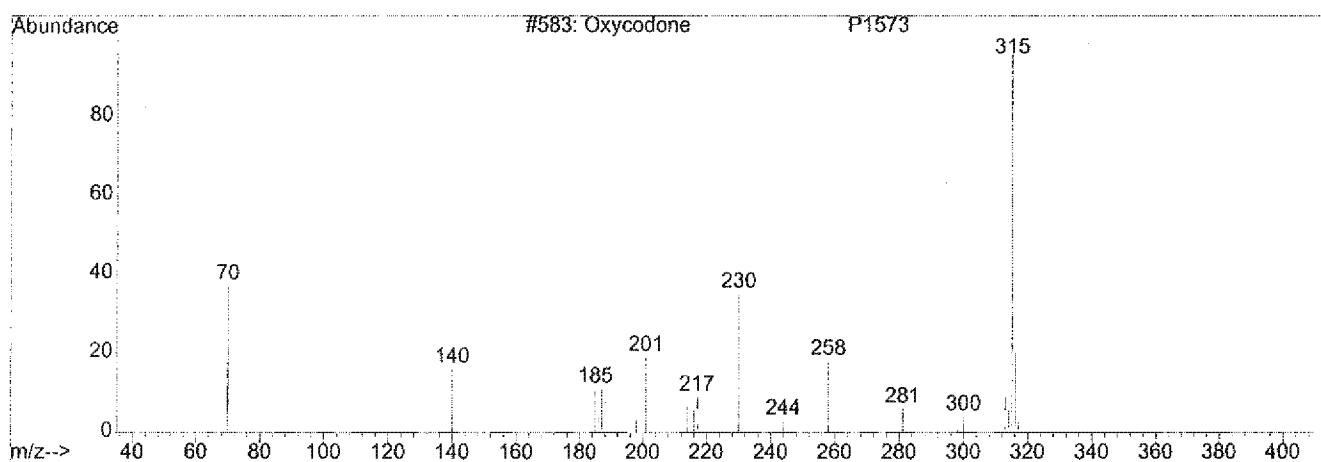
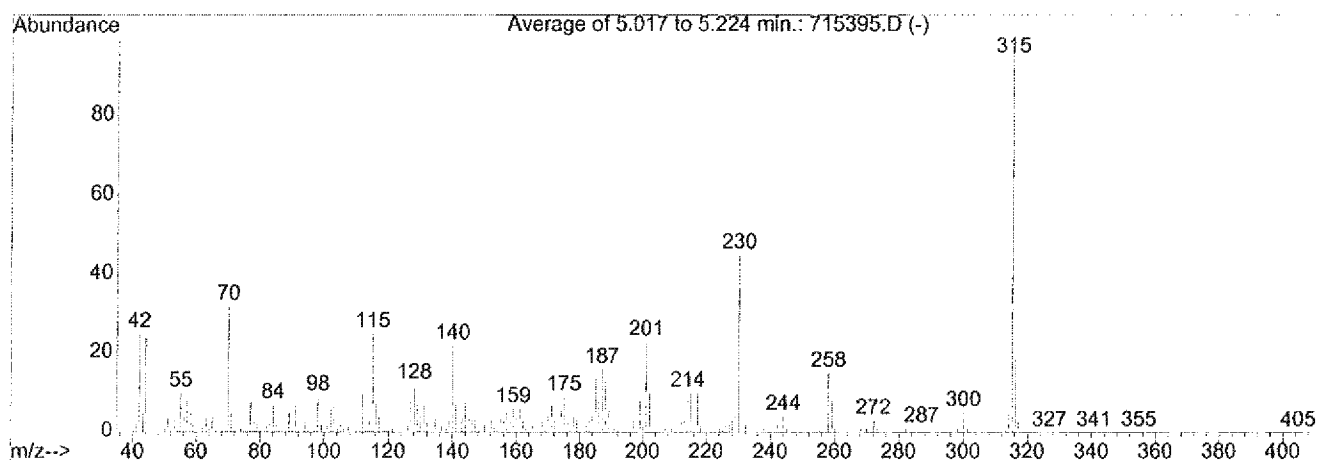
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File Name       : F:\Q2-2010\SYSTEM4\05_07_10\715395.D
Operator        : KAC
Date Acquired   : 8 May 2010 11:46
Sample Name     : 
Submitted by    : ASD
Vial Number     : 95
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

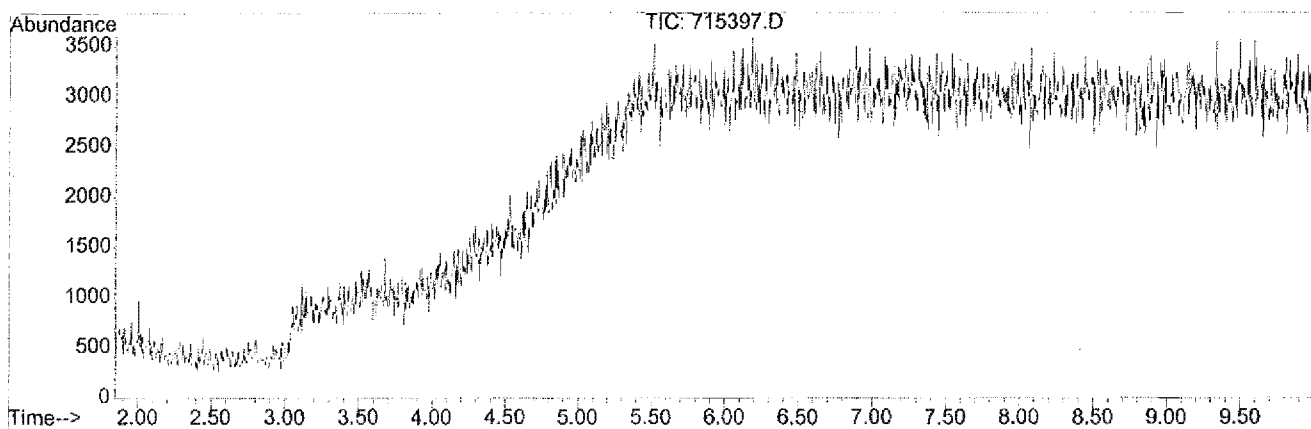
PK#	RT	Library/ID	CAS#	Qual
1	5.05	C:\DATABASE\PMW_TOX2.L		
		Oxycodone	000076-42-6	95
		Endogenous biomolecule AC	000000-00-0	4



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\715397.D
Operator : KAC
Date Acquired : 8 May 2010 12:13
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



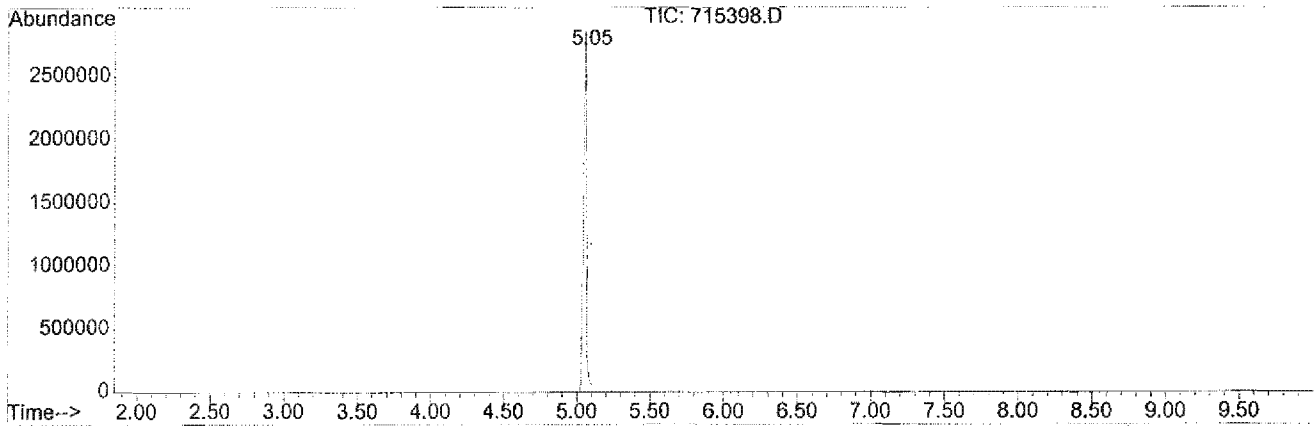
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\715398.D
Operator : KAC
Date Acquired : 8 May 2010 12:27
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 98
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.055	4194351	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

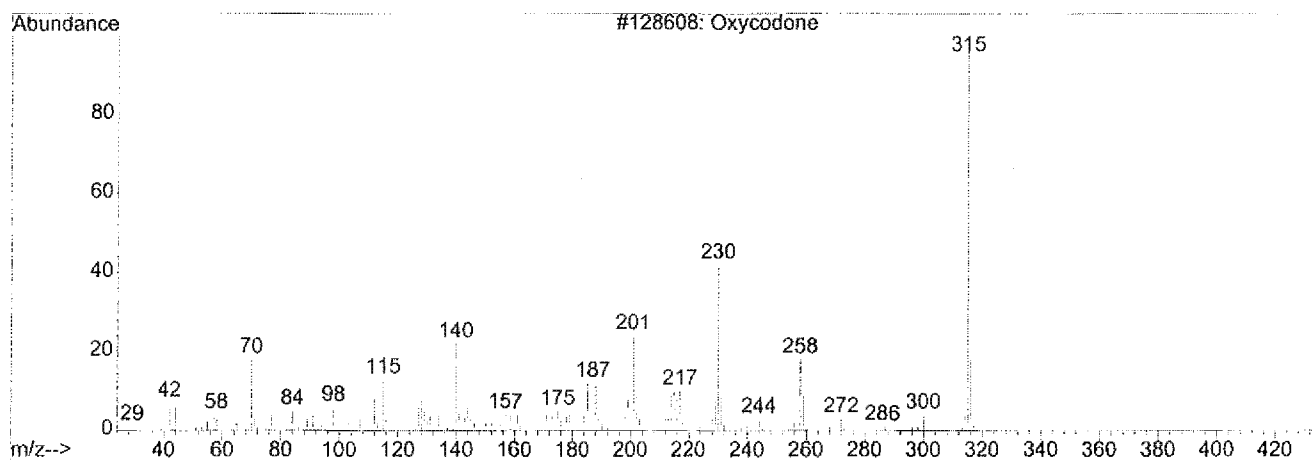
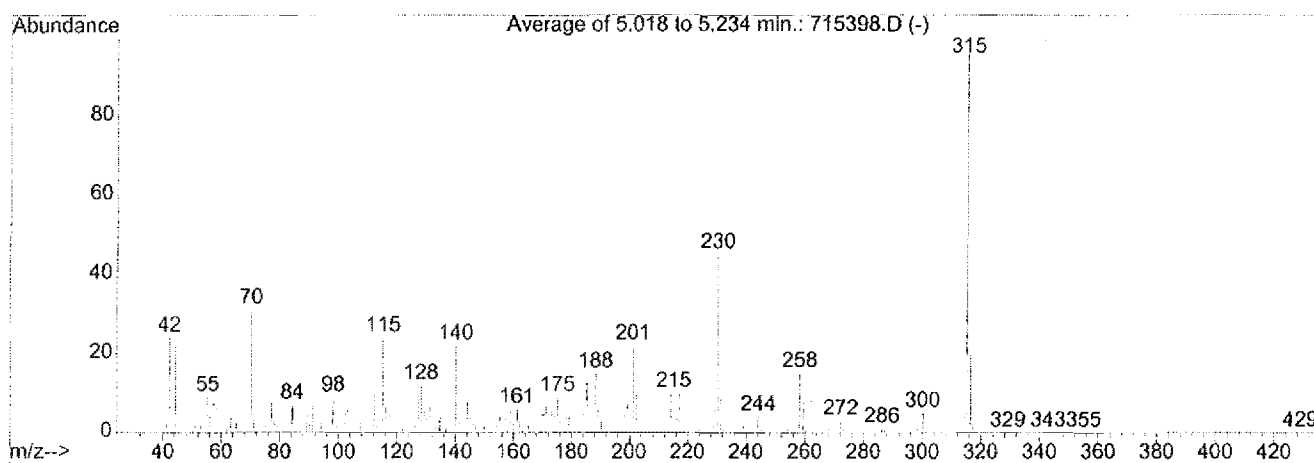
```

File Name       : F:\Q2-2010\SYSTEM4\05_07_10\715398.D
Operator        : KAC
Date Acquired   : 8 May 2010 12:27
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 98
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

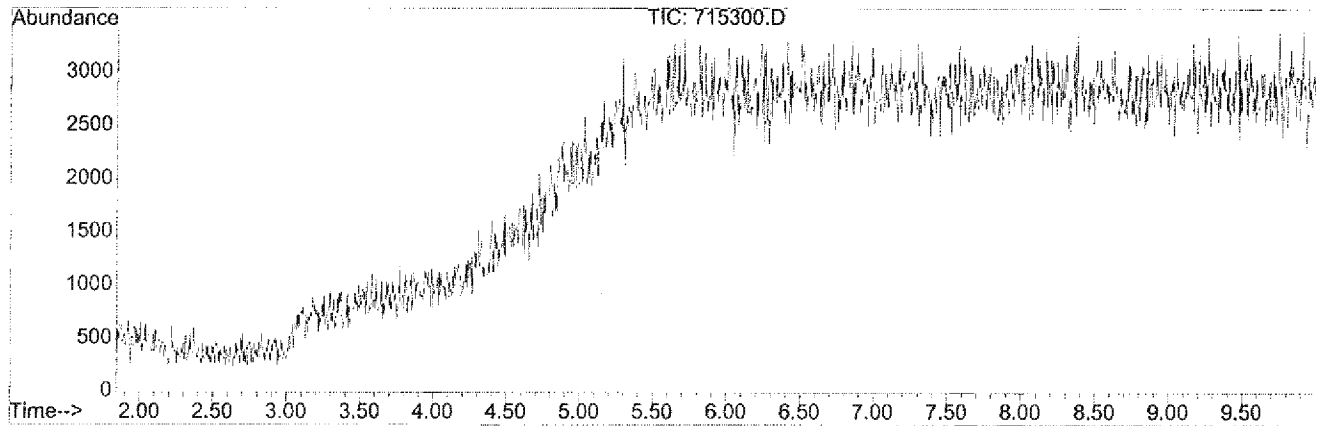
PK#	RT	Library/ID	CAS#	Qual
1	5.05	C:\DATABASE\NIST98.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\715300.D
Operator : KAC
Date Acquired : 8 May 2010 12:54
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



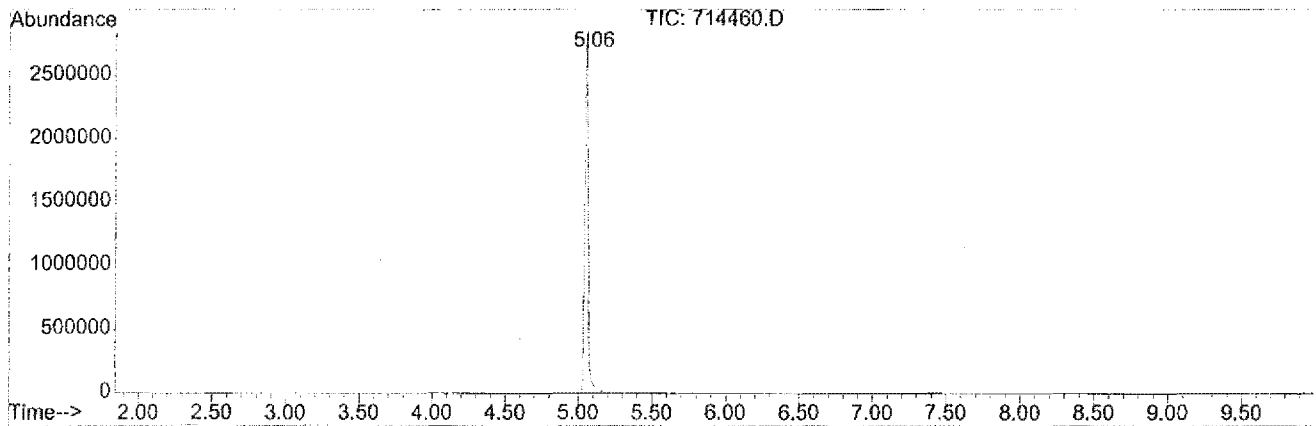
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714460.D
Operator : KAC
Date Acquired : 8 May 2010 13:07
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 78
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.059	4421880	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

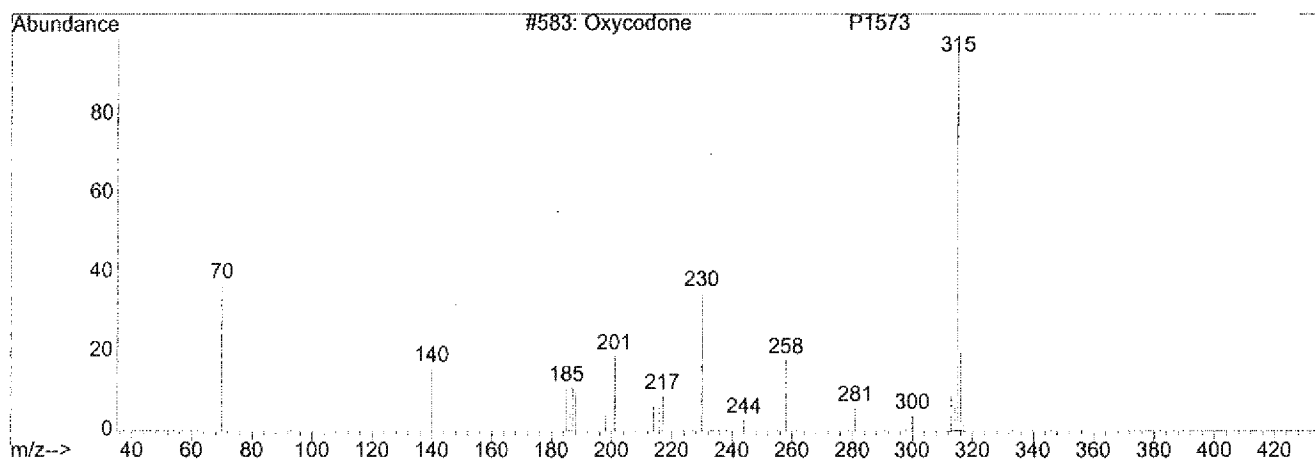
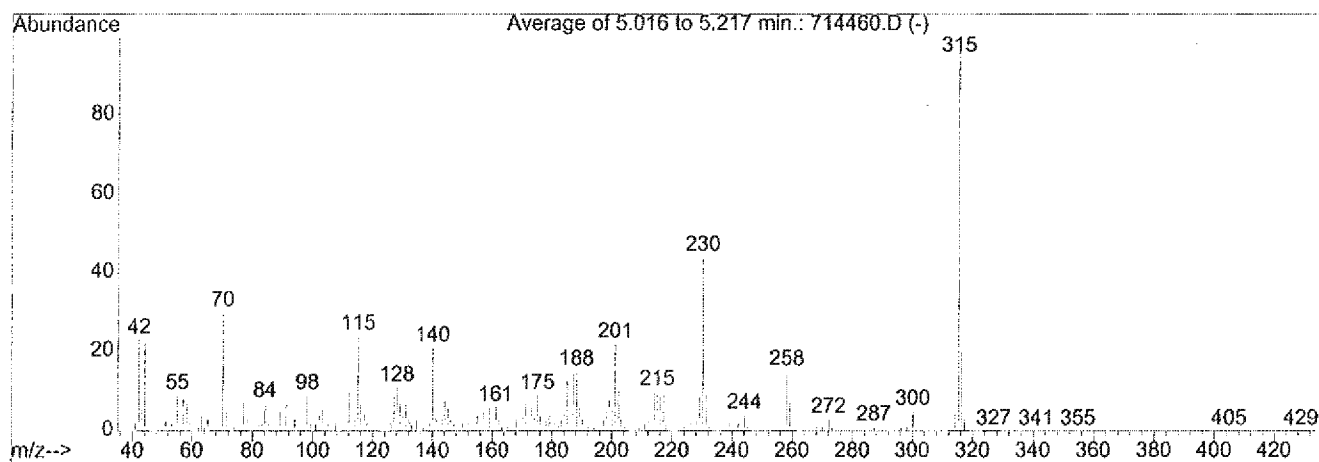
```

File Name       : F:\Q2-2010\SYSTEM4\05_07_10\714460.D
Operator        : KAC
Date Acquired   : 8 May 2010 13:07
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 78
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

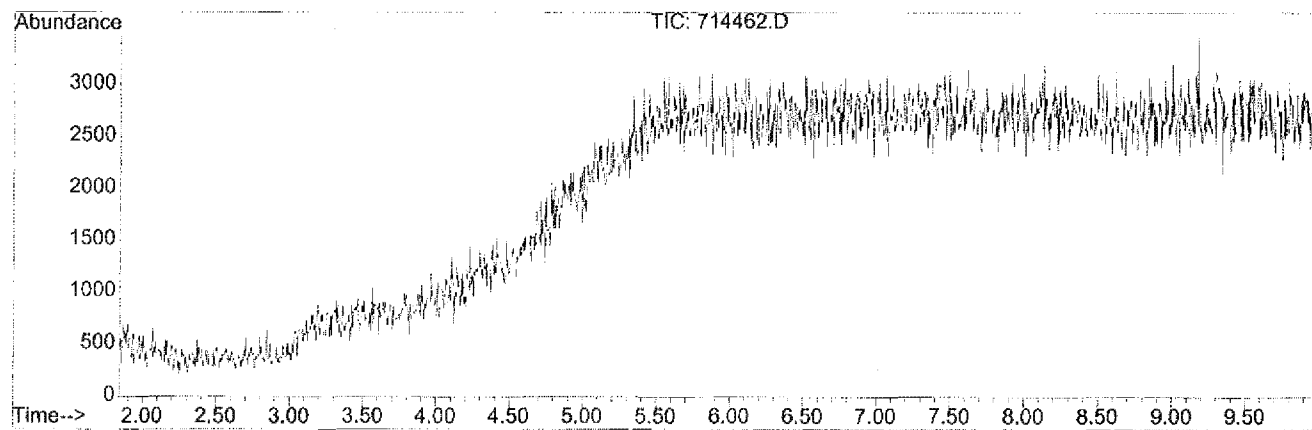
PK#	RT	Library/ID	CAS#	Qual
1	5.06	C:\DATABASE\PMW_TOX2.L		
		Oxycodone	000076-42-6	94
		Endogenous biomolecule AC	000000-00-0	2



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714462.D
Operator : KAC
Date Acquired : 8 May 2010 13:34
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



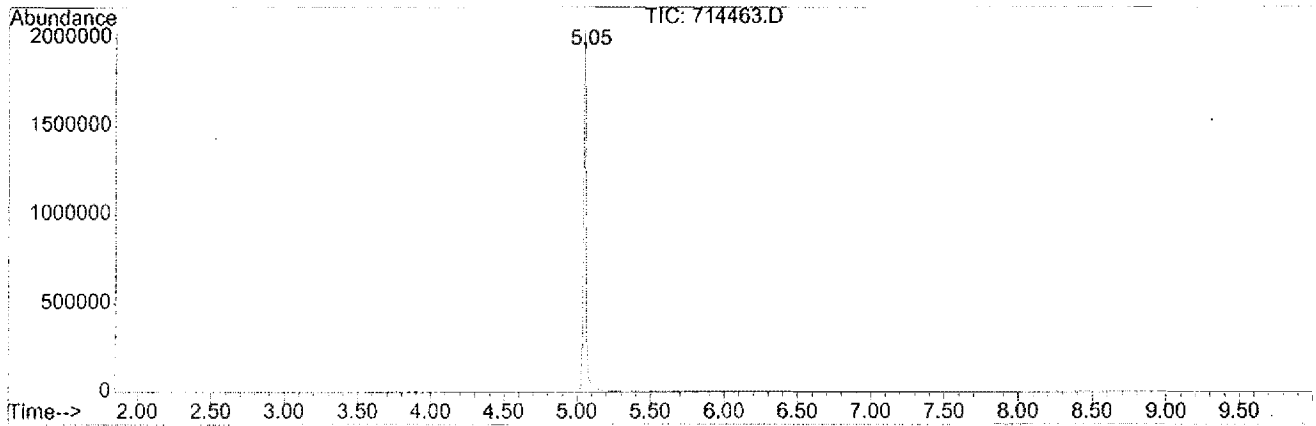
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714463.D
Operator : KAC
Date Acquired : 8 May 2010 13:48
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 79
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.046	2633400	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

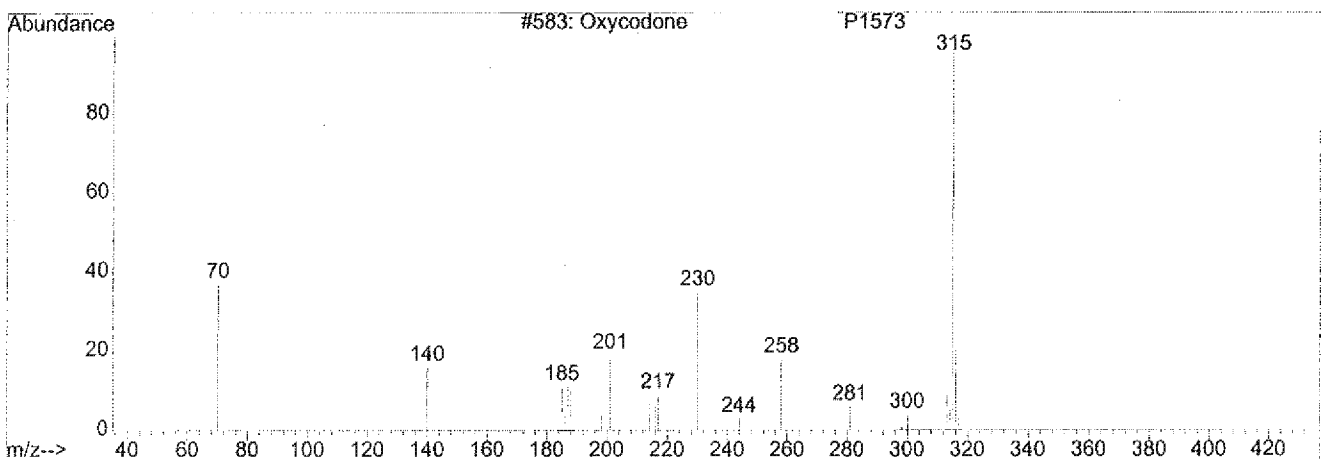
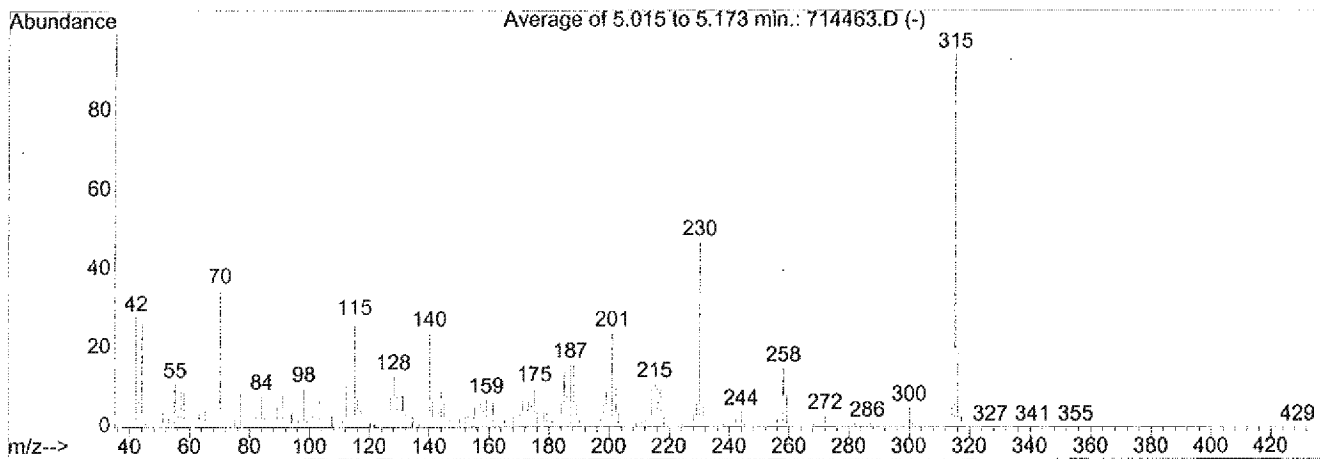
```

File Name       : F:\Q2-2010\SYSTEM4\05_07_10\714463.D
Operator        : KAC
Date Acquired   : 8 May 2010 13:48
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 79
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

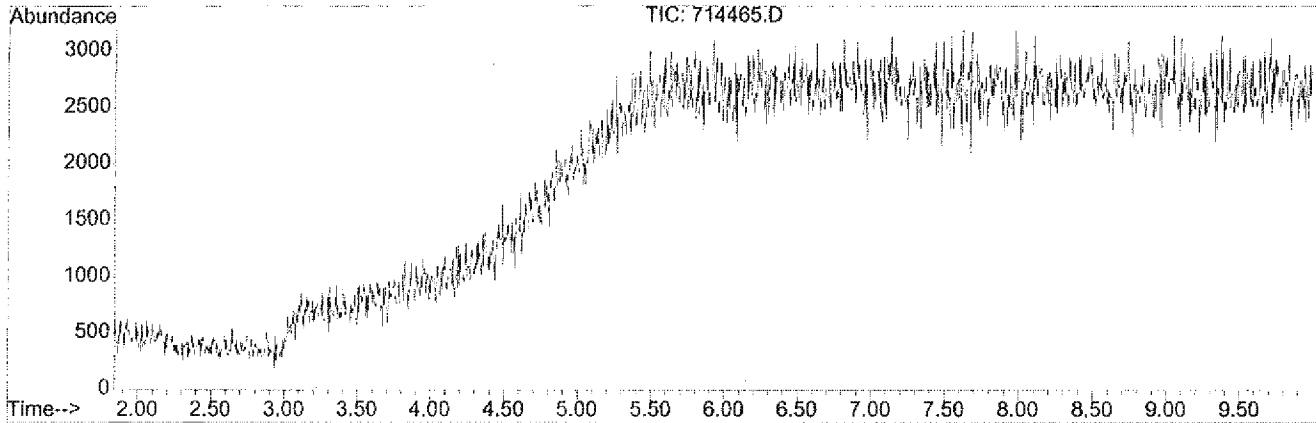
PK#	RT	Library/ID	CAS#	Qual
1	5.05	C:\DATABASE\PMW_TOX2.L		
		Oxycodone	000076-42-6	95
		Endogenous biomolecule AC	000000-00-0	4



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714465.D
Operator : KAC
Date Acquired : 8 May 2010 14:15
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



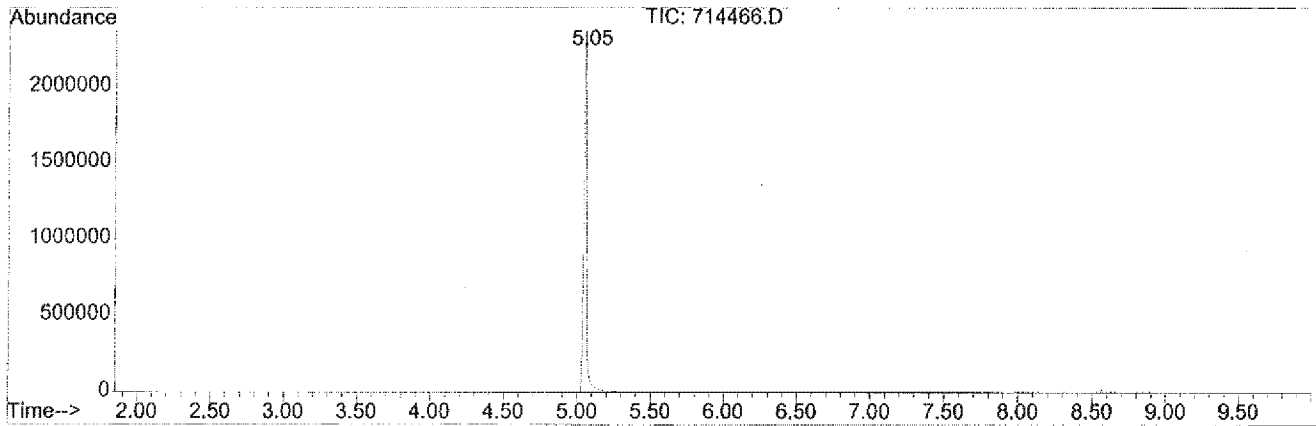
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714466.D
Operator : KAC
Date Acquired : 8 May 2010 14:29
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 81
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.052	3236708	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

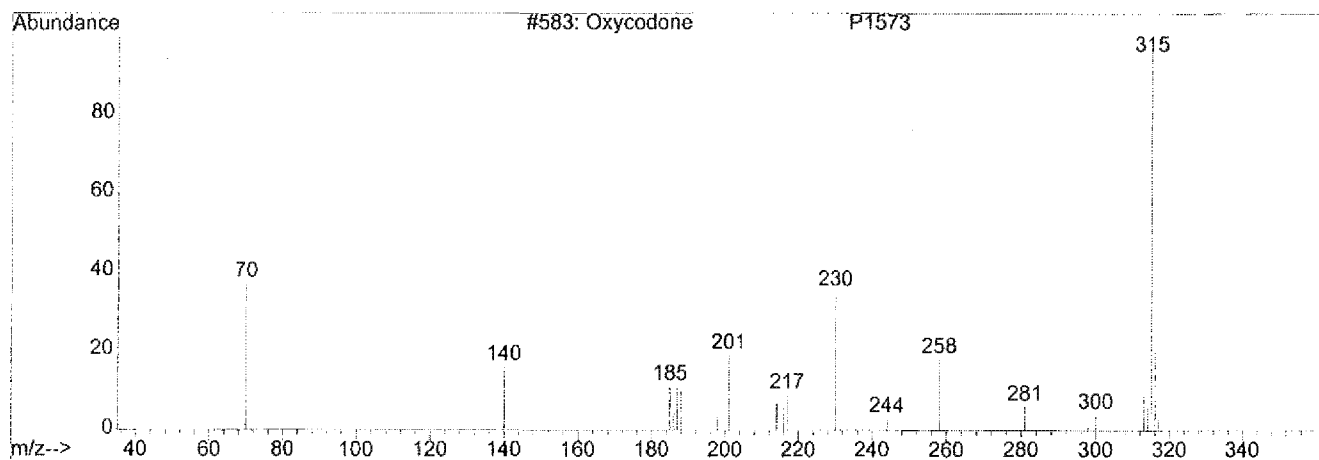
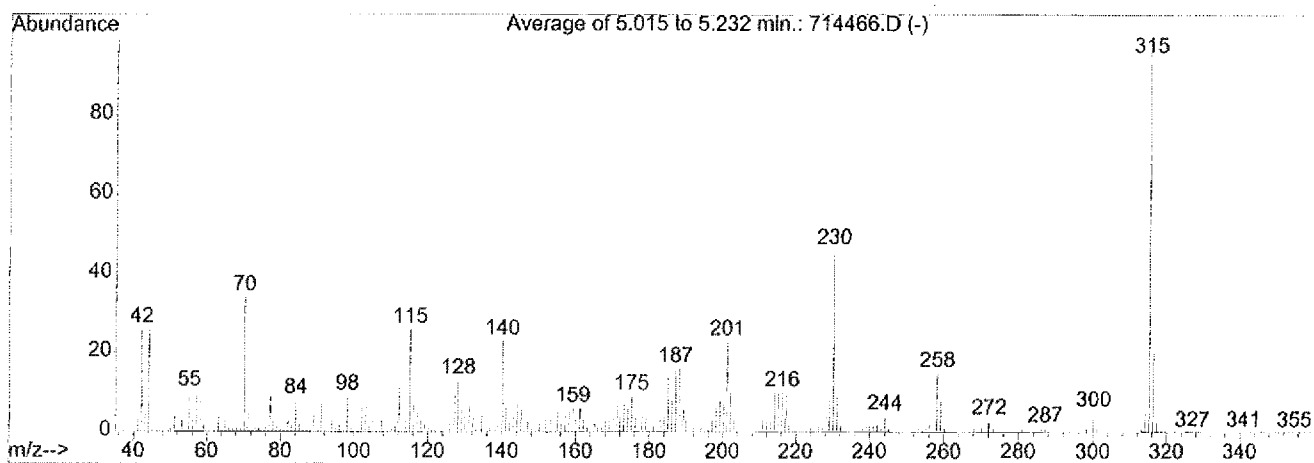
```

File Name       : F:\Q2-2010\SYSTEM4\05_07_10\714466.D
Operator        : KAC
Date Acquired   : 8 May 2010 14:29
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 81
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

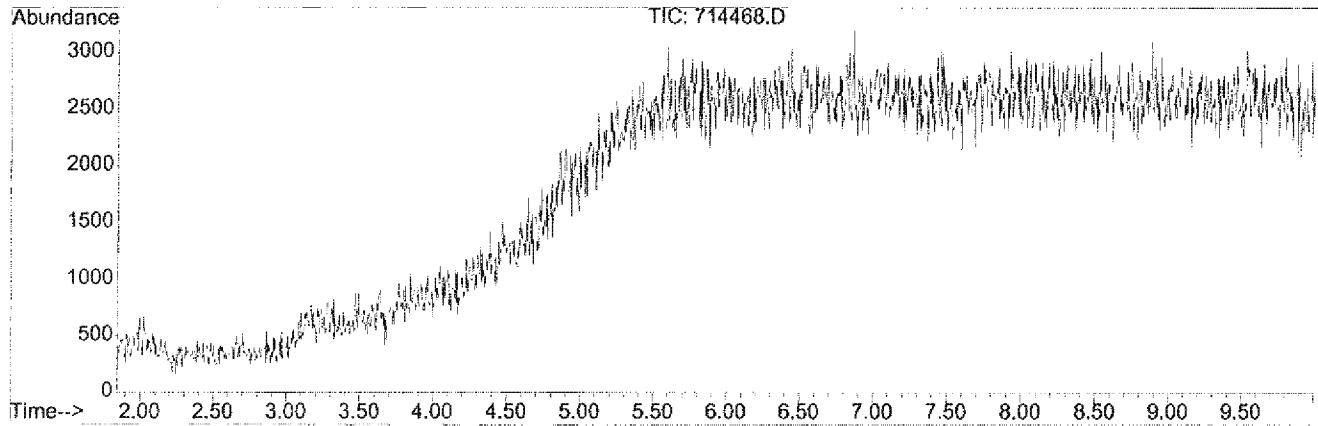
PK#	RT	Library/ID	CAS#	Qual
1	5.05	C:\DATABASE\PMW_TOX2.L		
		Oxycodone	000076-42-6	94
		Endogenous biomolecule AC	000000-00-0	2



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714468.D
Operator : KAC
Date Acquired : 8 May 2010 14:56
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



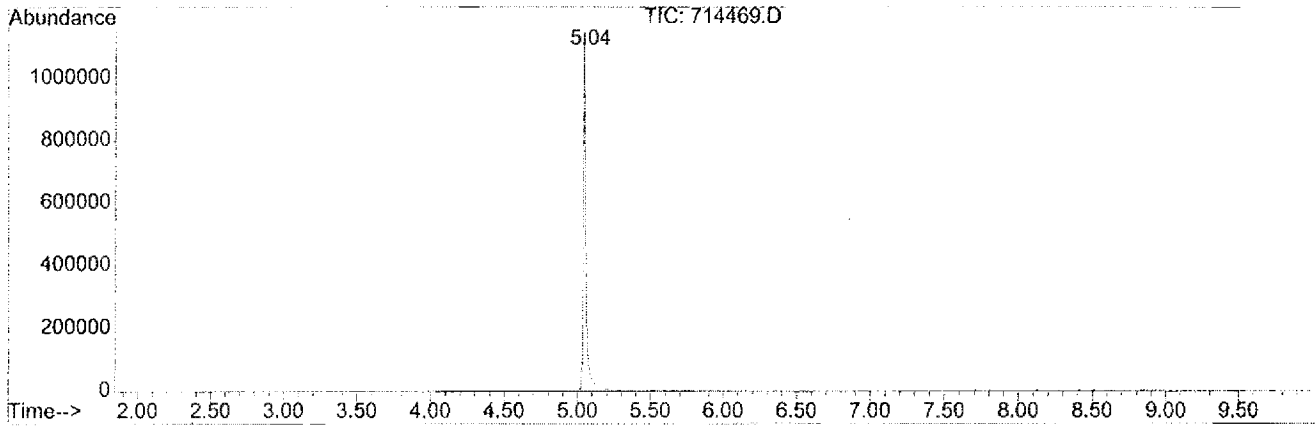
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714469.D
Operator : KAC
Date Acquired : 8 May 2010 15:10
Sample Name : OXYCODONE STD
Submitted by :
Vial Number : 77
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.044	1405286	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

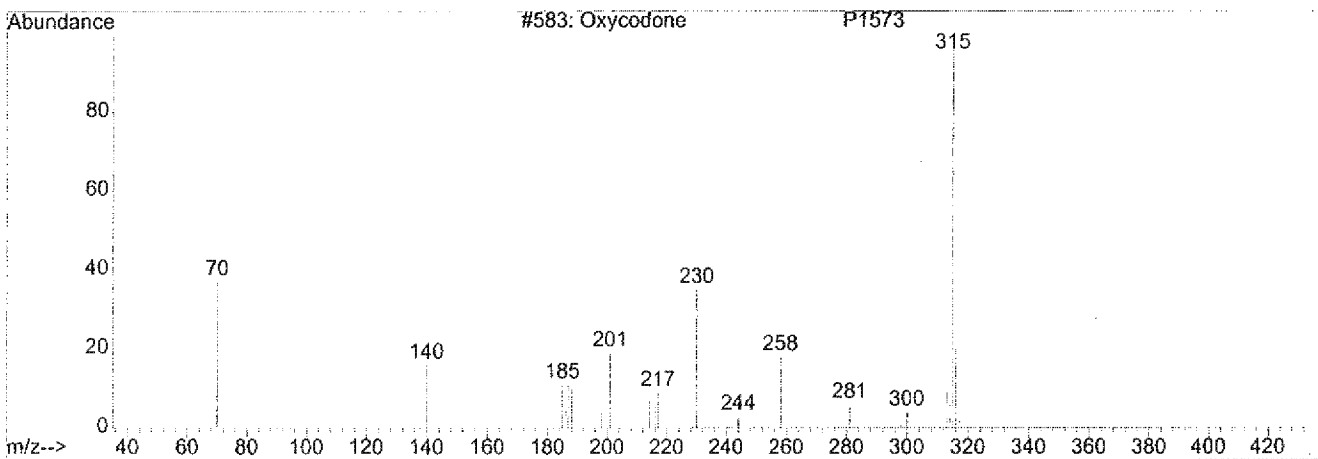
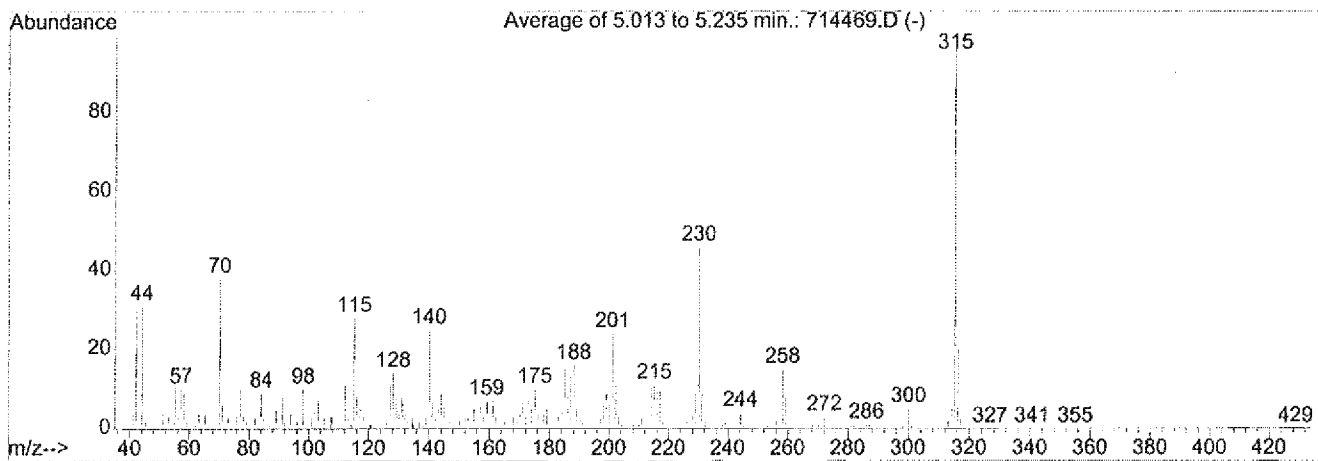
```

File Name       : F:\Q2-2010\SYSTEM4\05_07_10\714469.D
Operator        : KAC
Date Acquired   : 8 May 2010 15:10
Sample Name     : OXYCODONE STD
Submitted by    :
Vial Number     : 77
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

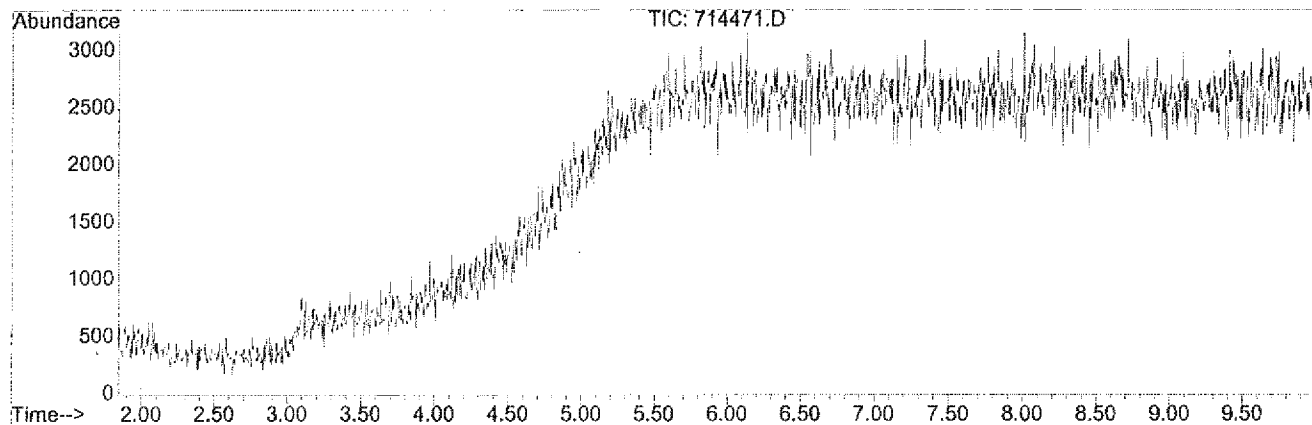
PK#	RT	Library/ID	CAS#	Qual
1	5.04	C:\DATABASE\PMW_TOX2.L Oxycodone	000076-42-6	91



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714471.D
Operator : KAC
Date Acquired : 8 May 2010 15:37
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



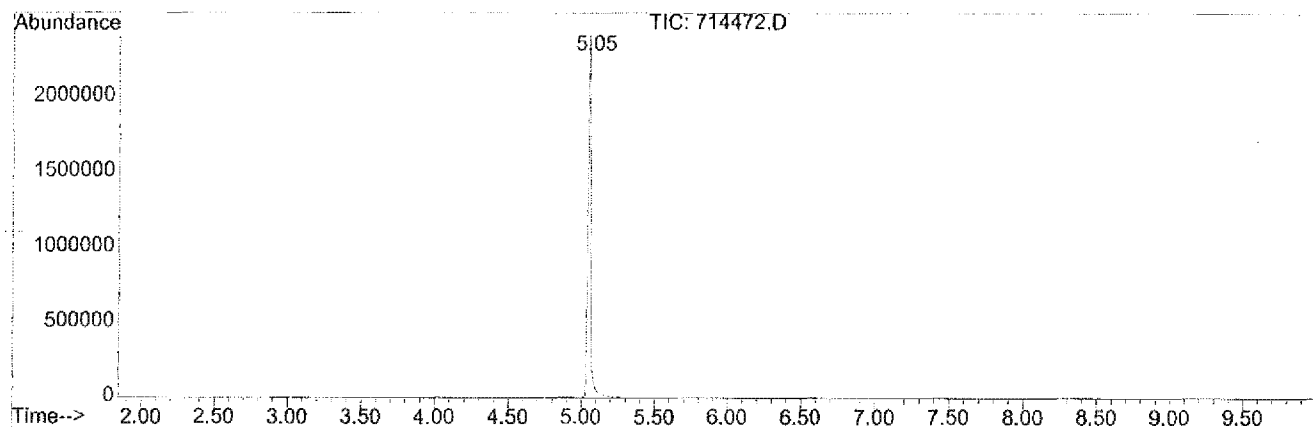
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714472.D
 Operator : KAC
 Date Acquired : 8 May 2010 15:51
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 82
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.051	3435530	100.00	100.00

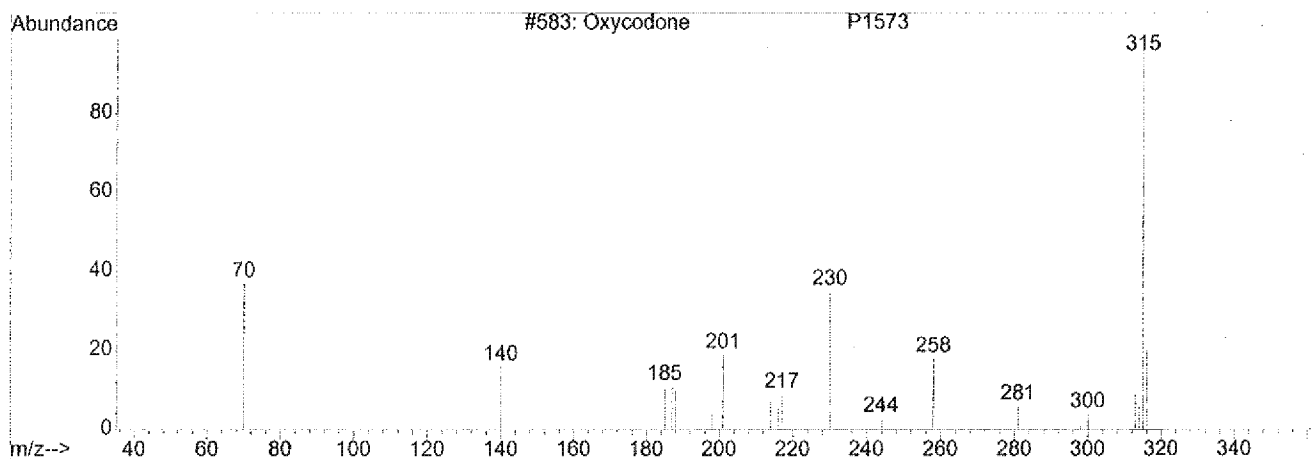
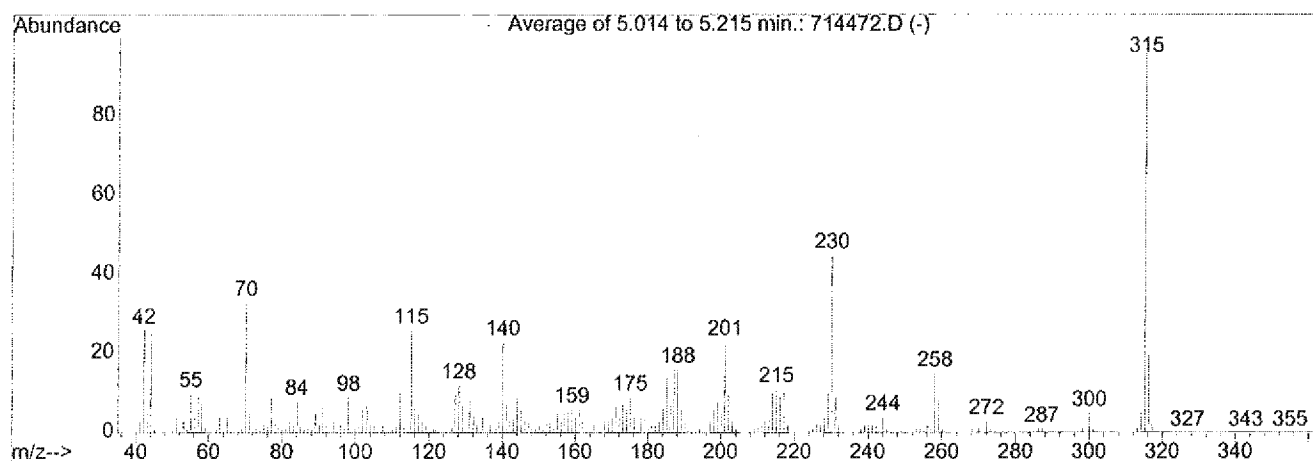
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714472.D
 Operator : KAC
 Date Acquired : 8 May 2010 15:51
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 82
 AcquisitionMeth: DRUGS
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

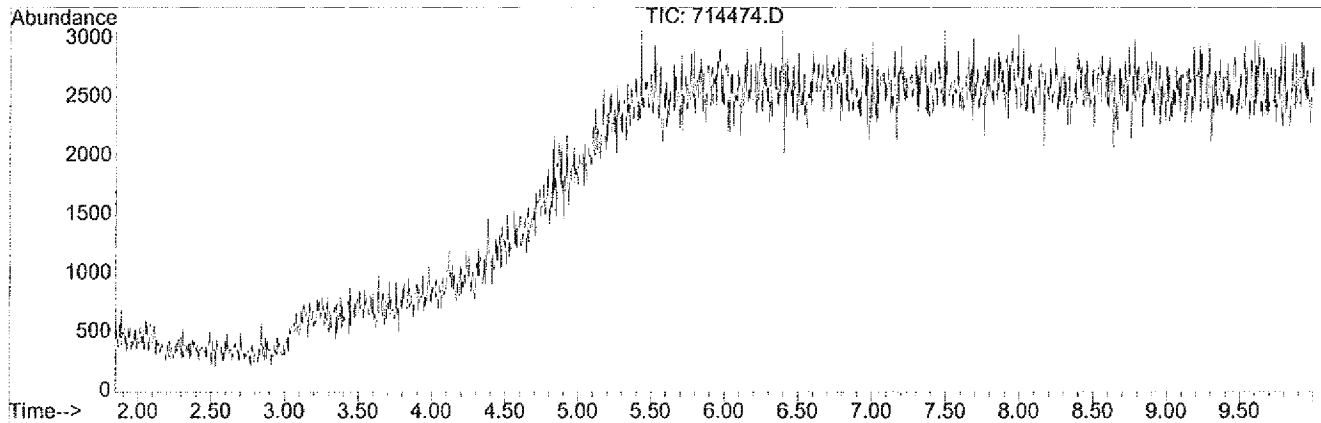
PK#	RT	Library/ID	CAS#	Qual
1	5.05	C:\DATABASE\PMW_TOX2.L		
		Oxycodone	000076-42-6	95
		Endogenous biomolecule AC	000000-00-0	4



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714474.D
Operator : KAC
Date Acquired : 8 May 2010 16:18
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



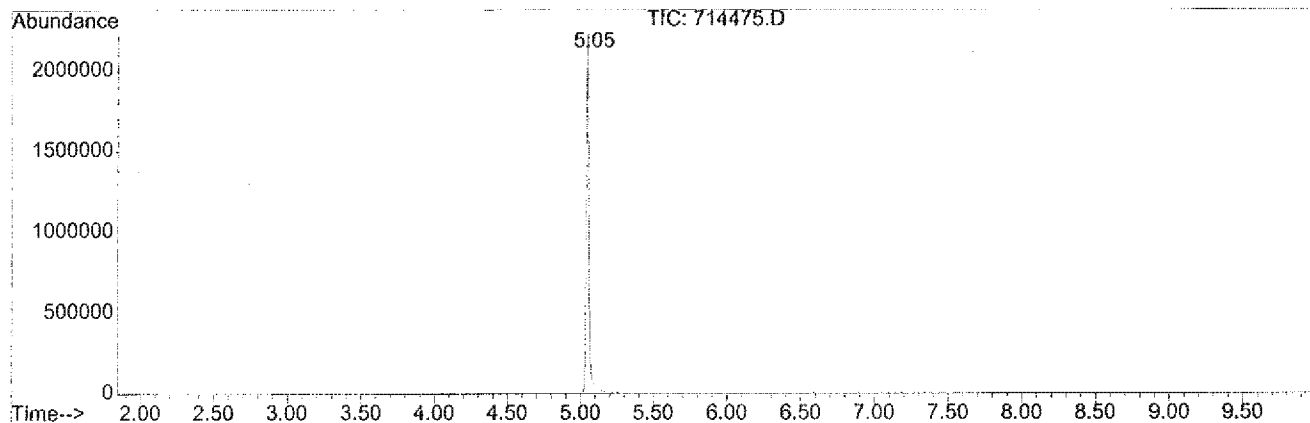
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714475.D
 Operator : KAC
 Date Acquired : 8 May 2010 16:32
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 84
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.052	2941233	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

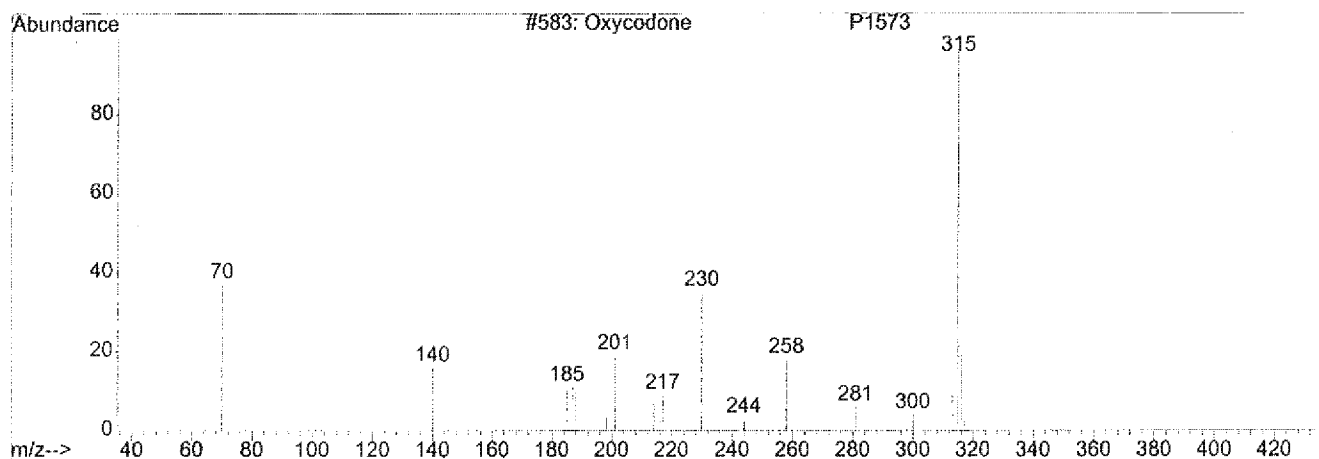
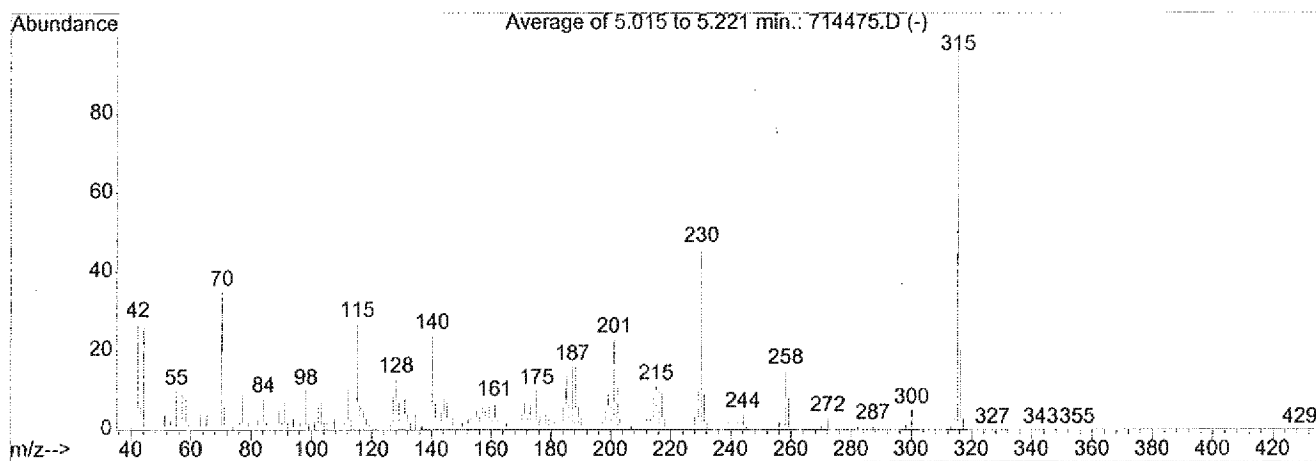
```

File Name       : F:\Q2-2010\SYSTEM4\05_07_10\714475.D
Operator        : KAC
Date Acquired   : 8 May 2010 16:32
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 84
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

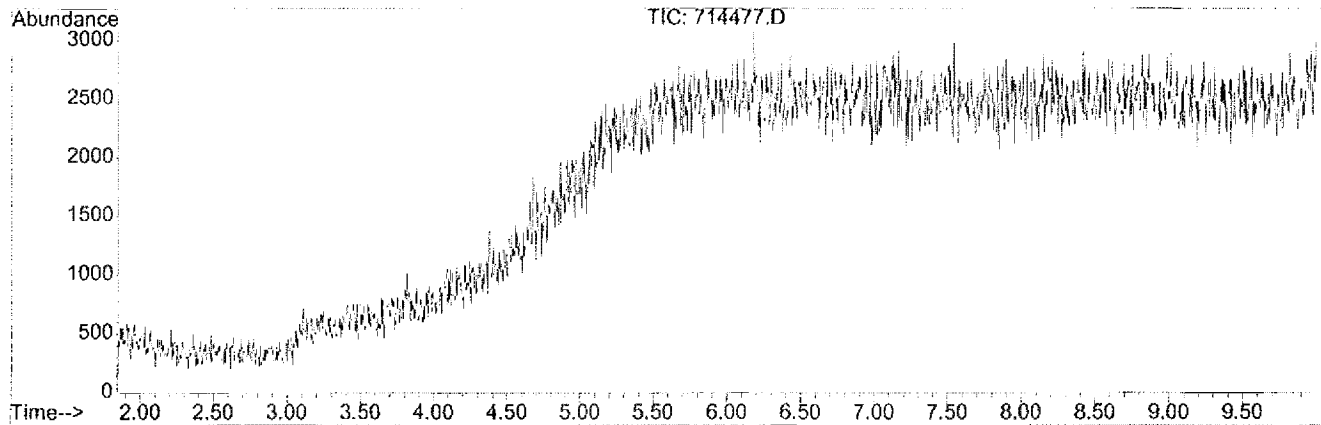
PK#	RT	Library/ID	CAS#	Qual
1	5.05	C:\DATABASE\PMW_TOX2.L		
		Oxycodone	000076-42-6	95
		Endogenous biomolecule AC	000000-00-0	4



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714477.D
Operator : KAC
Date Acquired : 8 May 2010 16:59
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



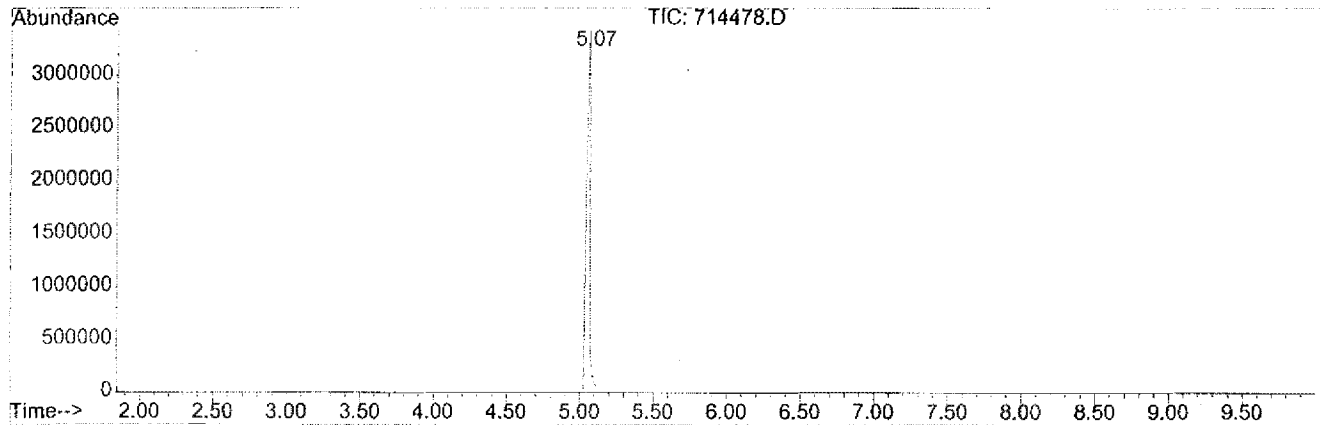
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714478.D
 Operator : KAC
 Date Acquired : 8 May 2010 17:13
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 85
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.065	6155622	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

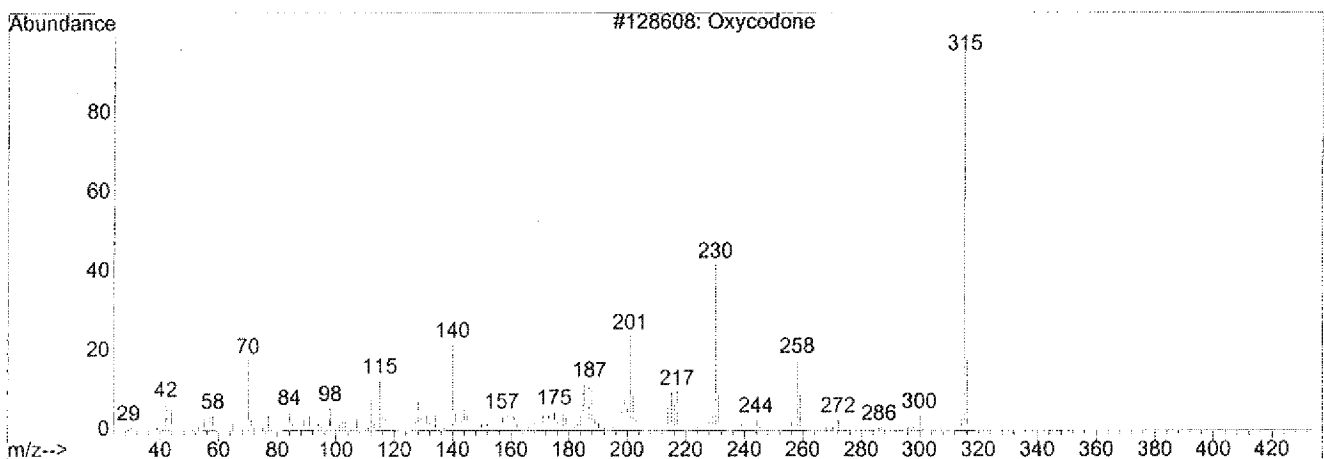
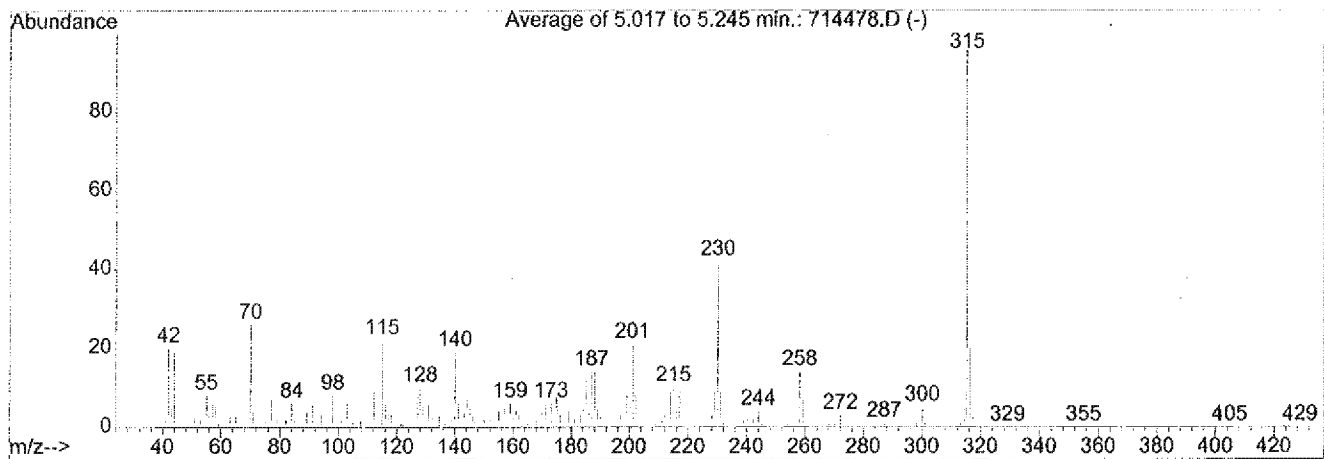
```

File Name       : F:\Q2-2010\SYSTEM4\05_07_10\714478.D
Operator        : KAC
Date Acquired   : 8 May 2010 17:13
Sample Name     : 
Submitted by    : ASD
Vial Number     : 85
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

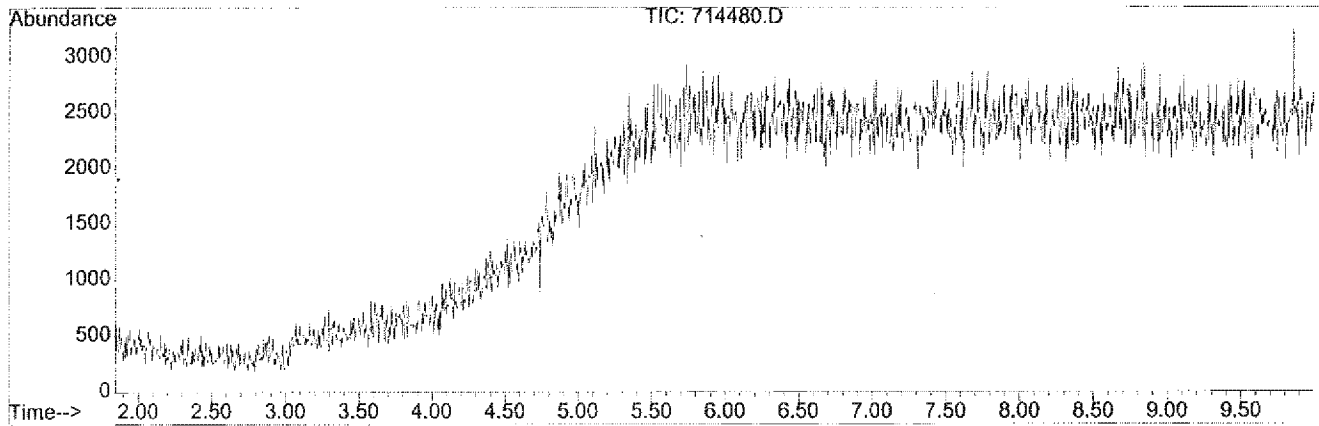
PK#	RT	Library/ID	CAS#	Qual
1	5.07	C:\DATABASE\NIST98.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714480.D
Operator : KAC
Date Acquired : 8 May 2010 17:40
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



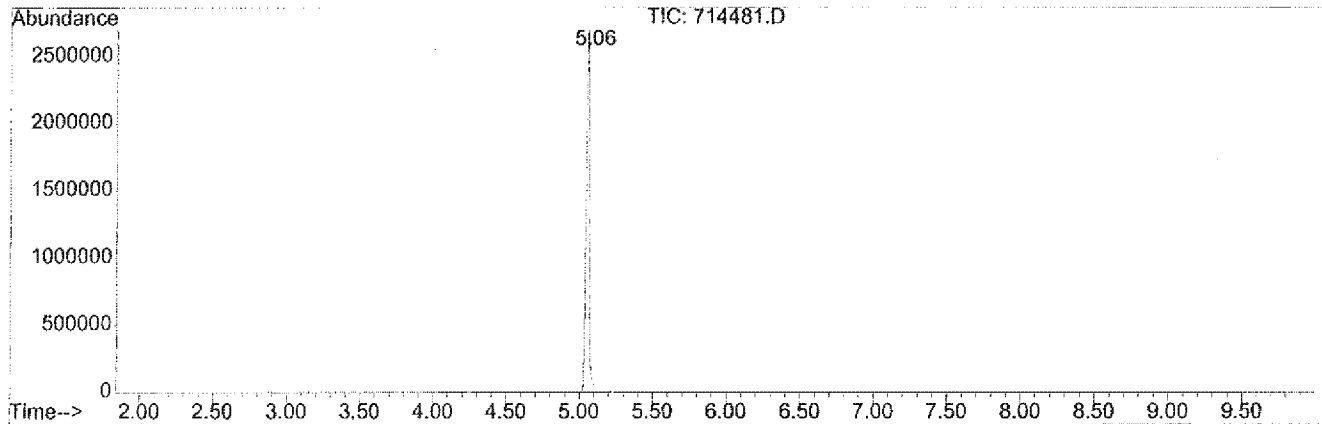
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714481.D
Operator : KAC
Date Acquired : 8 May 2010 17:54
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 87
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.059	4284040	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

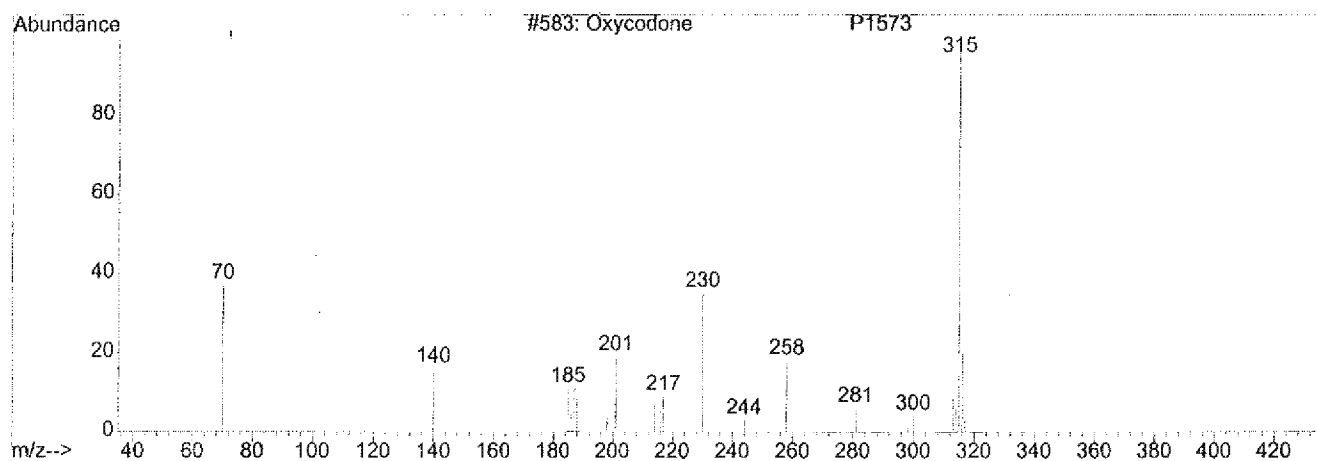
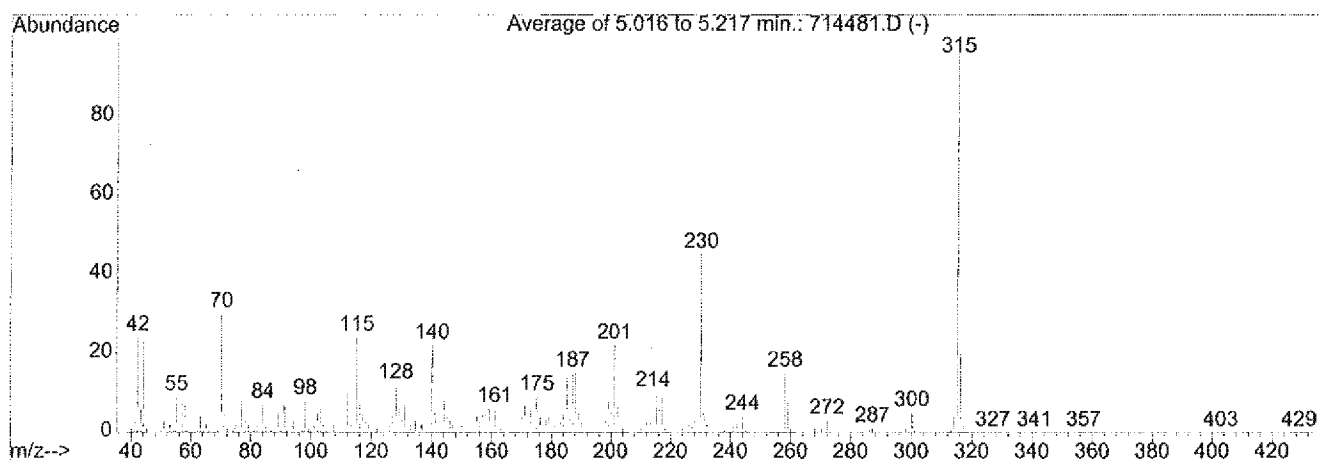
```

File Name       : F:\Q2-2010\SYSTEM4\05_07_10\714481.D
Operator        : KAC
Date Acquired   : 8 May 2010 17:54
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 87
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

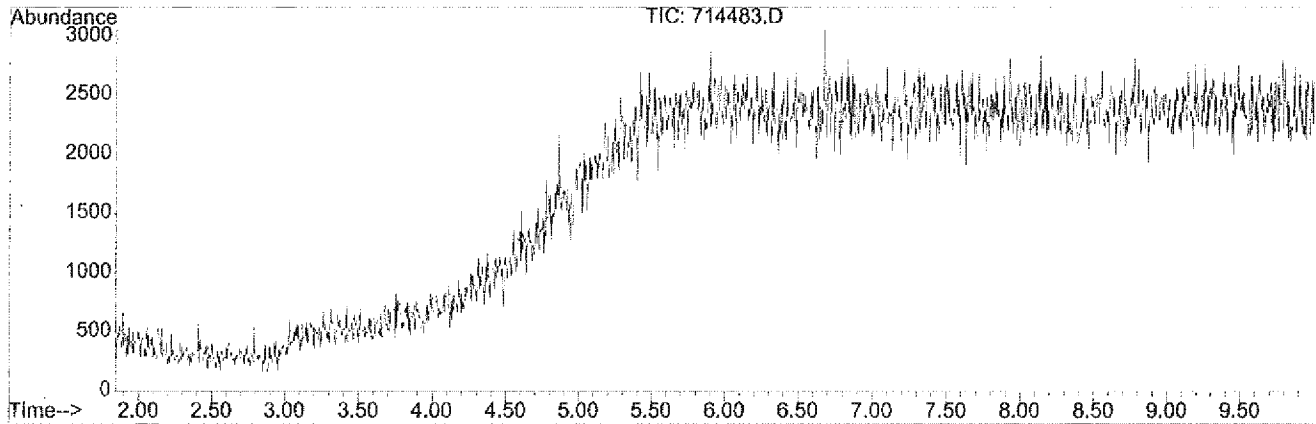
PK#	RT	Library/ID	CAS#	Qual
1	5.06	C:\DATABASE\PMW_TOX2.L Oxycodone	000076-42-6	94



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714483.D
Operator : KAC
Date Acquired : 8 May 2010 18:21
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



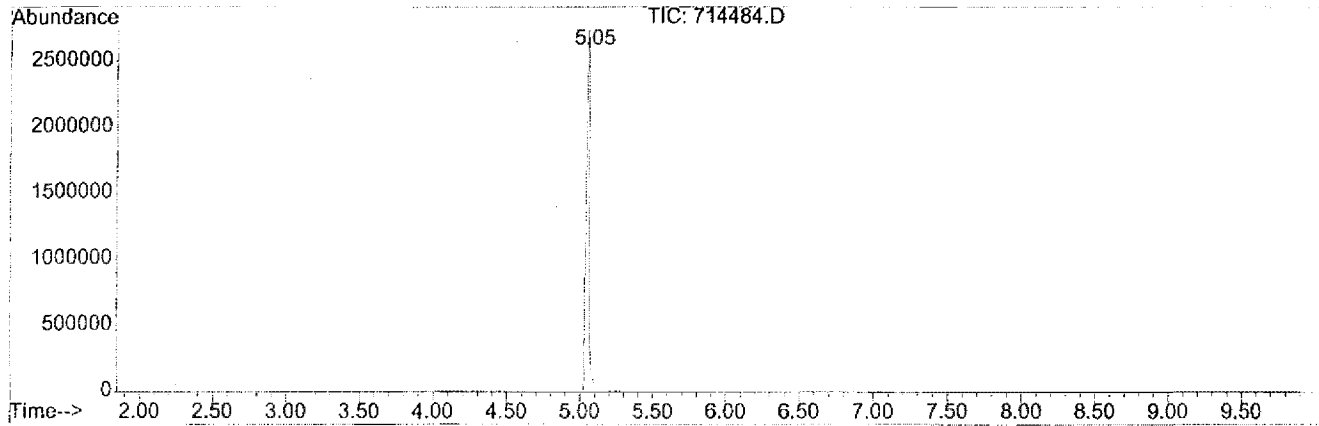
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714484.D
Operator : KAC
Date Acquired : 8 May 2010 18:35
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 88
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.054	4277985	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

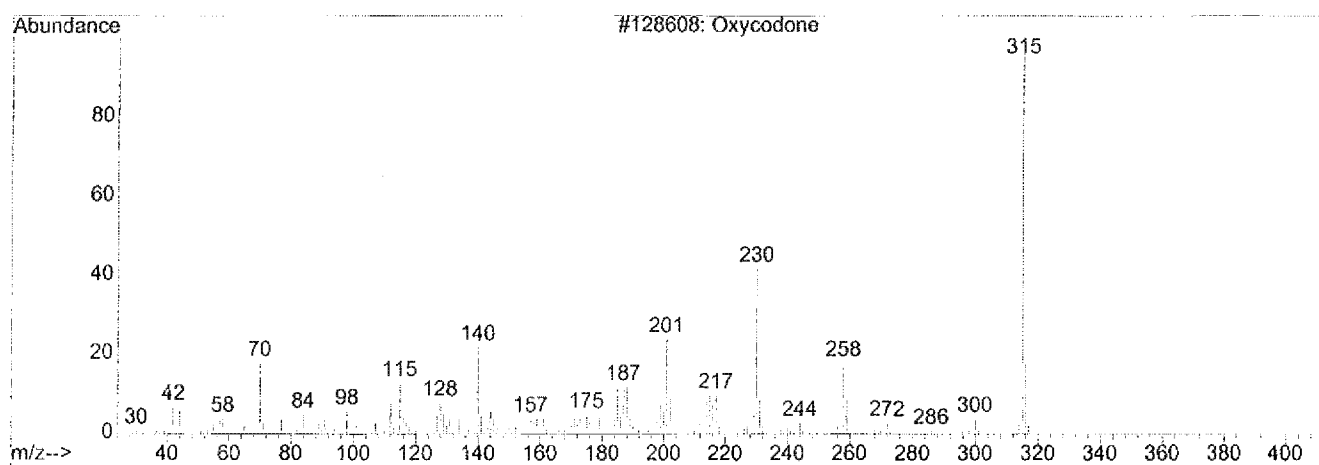
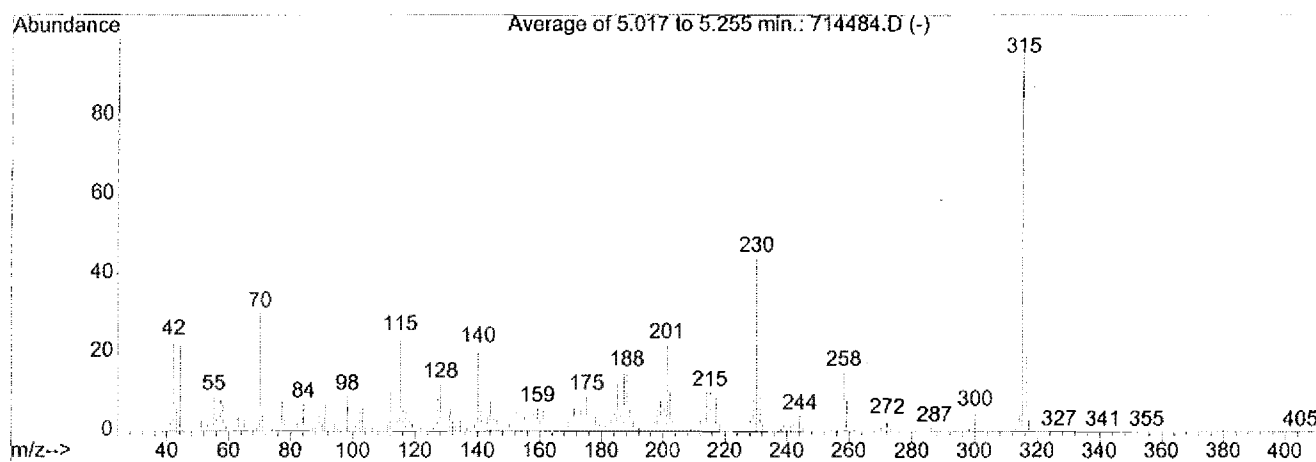
```

File Name       : F:\Q2-2010\SYSTEM4\05_07_10\714484.D
Operator        : KAC
Date Acquired   : 8 May 2010 18:35
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 88
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

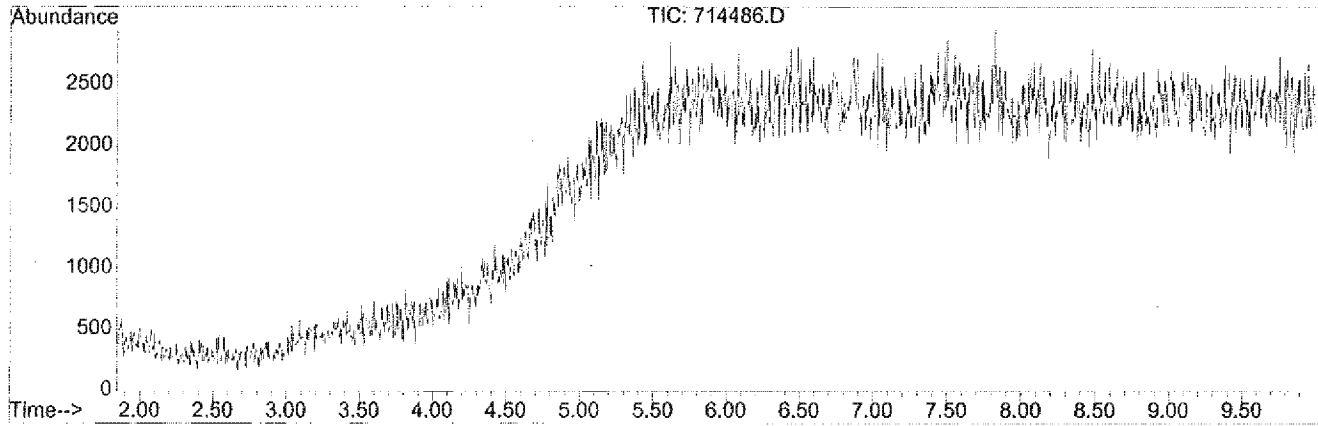
PK#	RT	Library/ID	CAS#	Qual
1	5.05	C:\DATABASE\NIST98.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714486.D
Operator : KAC
Date Acquired : 8 May 2010 19:02
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



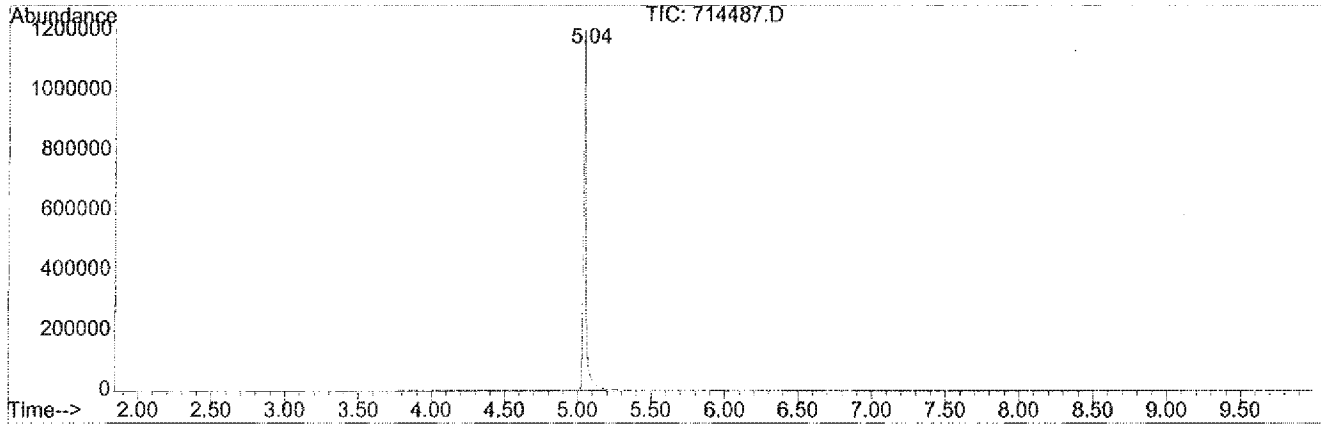
Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM4\05_07_10\714487.D
 Operator : KAC
 Date Acquired : 8 May 2010 19:16
 Sample Name : OXYCODONE STD
 Submitted by :
 Vial Number : 77
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.044	1487200	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

```

File Name       : F:\Q2-2010\SYSTEM4\05_07_10\714487.D
Operator        : KAC
Date Acquired   : 8 May 2010 19:16
Sample Name     : OXYCODONE STD
Submitted by    :
Vial Number     : 77
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	5.04	C:\DATABASE\NIST98.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99

